1890

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No. 1 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 2, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 31st DECEMBER 1889.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | ... | Crops much in need of rain. |
| 2 | Delhi ... | ... | ... | Rising slightly | ... | Crops suffering from drought. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Crops very much in need of rain. |
| 4 | Jullundur ... | ... | Fodder sufficient. | Do. | ... | Rain much needed. Poppy weeding commenced. |
| 5 | Ferozepore ... | ... | Fodder ample. | Do. | ... | Crops suffering for want of rain. |
| 6 | Amritsar ... | ... | Fodder sufficient. | Do. | ... | Crops in fair condition. No complaints against canal working. |
| 7 | Siálkot ... | ... | Ditto. | Do. | ... | ... |
| 8 | Lahore ... | ... | Ditto. | Do. | ... | Sowings finished. Prospects of standing crops good. |
| 9 | Mooltan ... | ... | Ditto. | Do. | ... | Crops flourishing. |
| 10 | Ráwalpindi ... | ... | Ditto. | Do. | ... | Prospects average. Rain much wanted. |
| 11 | Shahpur ... | ... | Ditto. | Rising. | ... | Rain much needed. Crops in fair condition. |
| 12 | D. I. Khan ... | ... | Fodder-supply average. | Stationary. | ... | Condition of crops good. Rain wanted. |
| 13 | Peshâwar ... | ... | Fodder scarce. | Rising. | ... | Rain much wanted. Sowings on irrigated land finished and on bárání land not commenced. Prospects discouraging. Water in Bára insufficient for irrigation purposes. |

*GENERAL REMARKS.*

No rainfall. Prices rising in Delhi, Shahpur and Peshâwar. Stationary elsewhere. Sowings of rabi crops nearly over. Rain badly wanted throughout the Province. Crops are suffering for want of rain in several districts. The rabi prospects are reported discouraging in Peshâwar and average in Ráwalpindi. Fodder sufficient in all districts except Peshâwar. Poppy weeding commenced in Jullundur.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## RAIN RETURNS, PUNJAB.

Weekly Rain Report for the week ending 22nd December 1889.

MEMO.—There has been no rainfall of importance. Every return received is blank.

Slight rainfall at Abbott-abad and Mansahra, Hazára District, on 17th and 18th cember 1889 respectively.

PESTONJI, *Superintendent,*

*Office of Director of Land Records and Agriculture, Punjab.*

**WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 30th NOVEMBER 1889.**

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 2 | 5 | 9 | 2 | 7 | ... | ... | 5 | ... | ... | 4 | 1 | 2 | 3 | 18 | 33 |
| 2 | | Hansi ... | 12,656 | 3 | 3 | 6 | 14 | 9 | 5 | ... | ... | 13 | 1 | ... | ... | 3 | 3 | 6 | 25 | 58 |
| 3 | | Bhiwani ... | 33,762 | 19 | 18 | 37 | 37 | 19 | 18 | ... | ... | 16 | 4 | ... | 17 | 6 | 4 | 10 | 57 | 57 |
| 4 | | Sirsa ... | 12,292 | 6 | 6 | 12 | 11 | 8 | 3 | ... | ... | 7 | ... | ... | 4 | 6 | 3 | 9 | 51 | 47 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 3 | 8 | 11 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | ... | ... | ... | 37 | 17 |
| 6 | | Jhajjar ... | 11,650 | 14 | 9 | 23 | 10 | 5 | 5 | ... | ... | 5 | 1 | ... | 4 | 1 | 1 | 2 | 103 | 45 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 6 | 11 | 17 | 20 | 11 | 9 | ... | 2 | 10 | 4 | ... | 4 | 3 | 3 | 6 | 36 | 43 |
| 8 | | Palwal ... | 10,635 | 9 | 7 | 16 | 10 | 5 | 5 | ... | ... | 5 | 1 | ... | 4 | 2 | 1 | 3 | 78 | 49 |
| 9 | Delhi ... | Delhi ... | 117,363 | 59 | 78 | 137 | 132 | 58 | 74 | ... | ... | 82 | 5 | ... | 45 | 11 | 14 | 25 | 61 | 59 |
| 10 | | " Suburbs ... | 52,882 | 17 | 23 | 40 | 28 | 12 | 16 | ... | ... | 20 | 2 | ... | 6 | 1 | 2 | 3 | 39 | 28 |
| 11 | | Sonepat ... | 13,077 | 10 | 5 | 15 | 11 | 7 | 4 | ... | ... | 8 | ... | 1 | 2 | 1 | ... | 1 | 60 | 44 |
| 12 | Karnal ... | Karnal ... | 23,133 | 11 | 3 | 14 | 16 | 12 | 4 | ... | ... | 8 | 3 | ... | 5 | 4 | ... | 4 | 32 | 37 |
| 13 | | Kaithal ... | 14,754 | 4 | 10 | 14 | 7 | 5 | 2 | ... | ... | 1 | 3 | ... | 3 | 2 | 1 | 3 | 40 | 25 |
| 14 | | Panipat ... | 26,572 | 15 | 14 | 29 | 14 | 8 | 6 | ... | ... | 7 | 2 | ... | 5 | 1 | 1 | 2 | 57 | 27 |
| 15 | Umballa ... | Umballa ... | 26,777 | 14 | 9 | 23 | 18 | 9 | 9 | ... | ... | 7 | 3 | ... | 8 | 4 | 3 | 7 | 45 | 36 |
| 16 | | Jagadhri ... | 12,300 | 3 | 3 | 6 | 5 | 3 | 2 | ... | ... | ... | 2 | ... | 3 | ... | ... | ... | 25 | 21 |
| 17 | | Shahabad ... | 10,218 | 4 | 3 | 7 | 4 | 1 | 3 | ... | ... | 2 | ... | ... | 2 | ... | ... | ... | 36 | 20 |
| 18 | | Sadhaura ... | 10,794 | 6 | 6 | 12 | 13 | 8 | 5 | ... | ... | 9 | 1 | ... | 3 | 3 | .. | 3 | 58 | 63 |
| 19 | | Rupar ... | 10,326 | 1 | 3 | 4 | 3 | 1 | 2 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 20 | 15 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 8 | 3 | 11 | 15 | 8 | 7 | ... | ... | 4 | 2 | ... | 9 | 3 | ... | 3 | 43 | 59 |
| 21 | | Tanda and Urmar ... | 10,295 | 10 | 5 | 15 | 11 | 9 | 2 | ... | ... | 7 | ... | ... | 4 | 2 | 2 | 4 | 76 | 56 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 23 | 23 | 46 | 31 | 15 | 16 | ... | ... | 15 | 1 | ... | 15 | 4 | 5 | 9 | 77 | 52 |
| 23 | | " Suburbs ... | 11,474 | 6 | 5 | 11 | 6 | 4 | 2 | ... | ... | 2 | ... | ... | 4 | 3 | 2 | 5 | 50 | 27 |
| 24 | | Rahon ... | 11,736 | 3 | 1 | 4 | 11 | 2 | 9 | ... | ... | 10 | ... | ... | 1 | 1 | ... | 1 | 18 | 49 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 24 | 23 | 47 | 21 | 14 | 7 | ... | ... | 15 | 1 | ... | 5 | 2 | 3 | 5 | 55 | 25 |
| 26 | | Jagraon ... | 16,873 | 7 | 10 | 17 | 25 | 9 | 16 | ... | ... | 17 | 1 | ... | 7 | 2 | 1 | 3 | 53 | 77 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 5 | 6 | 11 | 38 | 25 | 13 | ... | ... | 29 | 4 | ... | 5 | 6 | 5 | 11 | 27 | 95 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 22 | 20 | 42 | 22 | 9 | 13 | ... | ... | 5 | 1 | ... | 16 | 5 | 10 | 15 | 69 | 36 |
| 29 | | " Suburbs ... | 25,593 | 10 | 10 | 20 | 39 | 26 | 13 | ... | ... | 14 | 10 | .. | 15 | 5 | 5 | 10 | 41 | 79 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 47 | 38 | 85 | 84 | 48 | 36 | ... | ... | 57 | 1 | ... | 26 | 11 | 5 | 16 | 46 | 45 |
| 33 | | " Suburbs ... | 41,670 | 10 | 13 | 23 | 50 | 32 | 18 | ... | ... | 25 | 6 | ... | 19 | 2 | 2 | 4 | 29 | 63 |
| 34 | | Kasur ... | 17,336 | 7 | 3 | 10 | 23 | 14 | 9 | ... | ... | 17 | ... | ... | 6 | 2 | 6 | 8 | 30 | 69 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 74 | 69 | 143 | 187 | 108 | 79 | ... | ... | 102 | 12 | ... | 73 | 24 | 23 | 47 | 52 | 68 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 20 | 18 | 38 | 22 | 11 | 11 | ... | ... | 14 | 1 | ... | 7 | 3 | 2 | 5 | 82 | 47 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 23 | 17 | 40 | 21 | 14 | 7 | ... | 9 | 4 | ... | ... | 8 | 6 | 1 | 7 | 62 | 32 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 11 | 9 | 20 | 19 | 10 | 9 | ... | ... | 16 | ... | ... | 3 | 1 | 1 | 2 | 56 | 53 |
| 39 | | Jalalpur ... | 12,839 | 4 | 2 | 6 | 17 | 9 | 8 | ... | ... | 10 | 1 | ... | 6 | 1 | 1 | 2 | 24 | 69 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 13 | 10 | 23 | 10 | 7 | 3 | ... | ... | 3 | 1 | ... | 6 | 3 | 2 | 5 | 52 | 23 |
| 41 | | Wazirabad ... | 16,462 | 9 | 5 | 14 | 25 | 14 | 11 | ... | ... | 19 | ... | ... | 6 | 2 | 4 | 6 | 44 | 79 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 7 | 10 | 17 | 12 | 5 | 7 | ... | ... | 8 | ... | ... | 4 | 2 | 2 | 4 | 58 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 3 | 5 | 19 | 9 | 10 | ... | ... | 16 | ... | ... | 3 | 4 | 2 | 6 | 16 | 60 |
| 44 | | Pind Dadan Khan ... | 16,724 | 4 | 4 | 8 | 29 | 19 | 10 | ... | ... | 20 | 5 | ... | 4 | 6 | ... | 6 | 25 | 90 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 17 | 13 | 30 | 50 | 27 | 23 | ... | ... | 26 | 4 | ... | 20 | 6 | 4 | 10 | 56 | 94 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 12 | 33 | 87 | 41 | 46 | ... | 29 | 43 | 2 | ... | 13 | 5 | 7 | 12 | 29 | 77 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 3 | 8 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | ... | 1 | 1 | 31 | 23 |
| 48 | D. I. Khan ... | D. I. Khan ... | 18,988 | 6 | 4 | 10 | 18 | 15 | 3 | ... | ... | 17 | 1 | ... | ... | 1 | 1 | 2 | 27 | 49 |
| 49 | D. G. Khan ... | D. G. Khan ... | 19,687 | 6 | 5 | 11 | 19 | 9 | 10 | ... | ... | 8 | 3 | ... | 8 | 3 | 4 | 7 | 29 | 50 |
| | Birth and death rate of London for the week ending 9th November 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31·9 | 16·2 |
| | | GRAND TOTAL ... | 1,288,025 | 611 | 565 | 1176 | 1284 | 704 | 580 | ... | 40 | 737 | 89 | 1 | 417 | 164 | 139 | 303 | 48 | 52 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... | 12,305 | 2 | ... | 2 | 2 | 2 | ... | ... | ... | 1 | ... | ... | 1 | 2 | ... | 2 | 8 | 8 |
| | Dharmsala ... | ... ... | 3,839 | 1 | 1 | 2 | 1 | ... | 1 | ... | ... | ... | .. | ... | 1 | ... | 1 | 1 | 27 | 14 |
| | Dalhousie ... | ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... | 2,489 | ... | 1 | 1 | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | 21 | 21 |

**NOTE.**—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The* 23rd *December* 1889.

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the* **Province** *during the week ending Saturday, the* 30*th November* 1889.

*General Results.*—The return is incomplete, the registers for the Districts of Jhang and Muzaffargarh, Chobara Police Station and Kuláchi town in the Dera Ismail Khan District, for the present week and for Amritsar District for the previous week, not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 16,453 against 16,445 in the previous week and 13,175 in the corresponding week of the past year, giving respectively an annual death-rate of 49·9, 49·9 and 39·9 per 1,000 of population.

*Cholera.*—There was one death registered under the head of cholera; it occurred in the Police Station of Rojhan, District Dera Gházi Khan.

*Small-pox.*—From small-pox 100 deaths were registered against 97 in the previous week and 233 in the corresponding week of the past year.

*Fevers.*—From fevers there were 12,978 deaths against 13,165 in the previous week and 9,832 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 446 deaths against 415 and 470.

*Chest disease.*—Six hundred and forty-seven against 601 and 586.

*Snake-bite.*—Four against 7 and 3.

*Hydrophobia.*—One against 1 and 0.

*All other causes.*—Two thousand two hundred and seventy-six against 2,156 in the previous week and 2,015 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand five hundred and thirty-four deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,807 were males and 1,727 females.

*Births and deaths in Municipal Towns.*—In the 47 large Municipal towns 1,284 deaths were registered (704 males and 580 females), giving a death-rate of 52 per mille of population; 1,176 births were registered (611 males and 565 females), giving a birth-rate of 48 per mille of population. The registered mortality of Ráwalpindi and Pind Dádan Khan, is still high, *viz.*, at the annual rate of 94, and 90, per 1,000 respectively. The registered mortality of Ferozepore for the week under review was at the annual rate of 95 per 1,000.

LAHORE: A. STEPHEN, *Surgeon-Major,*
*The* 24*th December* 1889. *Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—2-1-90—690.

No. 2 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 9, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 7th JANUARY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | ... | Crops much in need of rain. |
| 2 | Delhi ... | ... | ... | Fluctuating. | ... | Crops suffering from drought. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Crops, especially wheat, suffering for want of rain. |
| 4 | Jullundur ... | ... | Fodder sufficient. | Do. | ... | Rain much needed. Poppy and rabi weeding commenced. Standing crops average. |
| 5 | Ferozepore ... | ... | Ditto. | Do. | ... | Prospect of crops glooming. Slight damage done by locusts in Zira. |
| 6 | Amritsar ... | ... | Ditto. | Do. | ... | Rain much wanted. Crops in fair condition. No complaints of canal working. |
| 7 | Siálkot ... | ... | Ditto. | Do. | ... | ... |
| 8 | Lahore ... | ... | Ditto. | Do. | ... | Tending of rabi crops going on. Prospects of standing crops on Cháhi and Nahri lands good. Rain wanted for Baráni crops. |
| 9 | Mooltan ... | ... | Ditto. | Do. | ... | Crops in good condition. |
| 10 | Ráwalpindi ... | 0·2 in Murree. | Ditto. | Rising. | ... | Crops beginning to suffer from want of rain. Sown and germinated area south-west below average. |
| 11 | Shahpur ... | ... | Ditto. | Do. | ... | Crops in fair condition. Rain much needed. |
| 12 | D. I. Khan ... | ... | Fodder-supply average. | Stationary. | ... | Condition of crops good. Rain wanted. |
| 13 | Peshâwar ... | ... | Fodder scarce. | Rising. | ... | Prospects of crops average on irrigated lands; few sowings on baráni lands. Rain much needed. |

*GENERAL REMARKS.*

No rain has fallen, except a slight fall at Murree (Ráwalpindi District). Prices rising in Ráwalpindi, Shahpur and Peshâwar; unsettled in Delhi; stationary elsewhere. Sowings and weedings of rabi crops going on. Rain badly wanted throughout the Province. Prospects of standing rabi crops are said to be an average one. Crops are now suffering from drought in some districts. Crops slightly damaged by locusts in Zíra, district Ferozepore. Fodder sufficient except in Peshâwar. Poppy weedings going on in Jullundur.

PESTONJI, *Supdt.*,

***Office of Director of Land Records and Agriculture, Punjab.***

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | | | | |
| | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowár or Cholum (Sorghum vulgare). | | | Bájra or Cumbu (Pennisetum Typhoideum). | | |
| DISTRICT. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 18 | 17 | 27 | 27 | 21 | ... | ... | ... | 10 | 11 | 10 | 24 | 24 | 23 | 23 | 22 | 18 |
| Rohtak ... | 17 | 18 | 16 | 24 | 22 | 20 | ... | ... | ... | 12 | 12 | 11 | 23 | 23 | 25 | 20 | 20 | 20 |
| Gurgaon ... | 16 | 16 | 17 | 25 | 25 | 23 | ... | ... | ... | 10 | 9 | 10 | 25 | 25 | 22 | 19 | 20 | 18 |
| Delhi ... | 17 | 17 | 15 | 24 | 21 | 21 | ... | ... | ... | 12 | 12 | 12 | 22 | 21 | 20 | 20 | 20 | 16 |
| Karnál ... | 17 | 17 | 17 | 26 | 28 | 24 | ... | ... | ... | 12 | 12 | 12 | 25 | 25 | 25 | 19 | 19 | 17 |
| Umballa ... | 18 | 19 | 18 | 23 | 24 | 23 | ... | ... | ... | 10 | 10 | 12 | 20 | 25 | 22 | 20 | 18 | 16 |
| Simla ... | 14 | 14 | 13 | 20 | 20 | ... | ... | ... | ... | 9 | 9 | 10 | 15 | 15 | 16 | 13 | 13 | 15 |
| Kángra ... | 20 | 2[illegible] | 13 | 27 | 27 | 17 | ... | ... | ... | 13 | 13 | 11 | 14 | 14 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 21 | 21 | 18 | 23 | 30 | 24 | ... | ... | ... | 10 | 10 | 12 | 24 | 24 | 25 | 22 | 21 | 20 |
| Jullundur ... | 21 | 21 | 18 | 32 | 32 | 24 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 24 | 20 | 20 | 18 |
| Ludhiána ... | 25 | 25 | 19 | 34 | 33 | 25 | ... | ... | ... | 12 | 12 | 11 | 27 | 27 | 24 | 23 | 23 | 22 |
| Ferozepore ... | 19 | 19 | 17 | 34 | 35 | 25 | ... | ... | ... | 10 | 10 | 10 | 32 | 30 | 25 | 28 | 26 | 20 |
| Mooltan ... | 16 | 16 | 14 | 26 | 23 | 21 | ... | ... | ... | 10 | 11 | 10 | 26 | 24 | 20 | 21 | 20 | 17 |
| Jhang ... | 18 | 19 | 16 | 29 | 30 | 25 | ... | ... | ... | 8 | 8 | 10 | 23 | 25 | 20 | 22 | 22 | 20 |
| Montgomery... | 18 | 18 | 15 | 28 | 28 | 20 | ... | ... | ... | 10 | 10 | 9 | 22 | 22 | 20 | 20 | 20 | 15 |
| Lahore ... | 19 | 19 | 15 | 36 | 36 | 24 | ... | ... | ... | 11 | 11 | 8 | 32 | 32 | 24 | 18 | 18 | 14 |
| Amritsar ... | 20 | 21 | 17 | 29 | 34 | 23 | ... | ... | ... | 11 | 11 | 11 | 29 | 29 | 22 | 21 | 19 | 17 |
| Gurdáspur ... | 22 | 23 | 17 | 28 | 28 | 22 | ... | ... | ... | 14 | 14 | 12 | 20 | 20 | 22 | 14 | 14 | 14 |
| Siálkot ... | 22 | 22 | 17 | 33 | 36 | 24 | ... | ... | ... | 14 | 14 | 13 | 30 | 32 | 23 | 25 | 26 | 21 |
| Gujrát ... | 21 | 21 | 17 | 35 | 35 | 22 | ... | ... | ... | 12 | 7 | 9 | 30 | 30 | 20 | 26 | 26 | 18 |
| Gujránwála ... | 20 | 20 | 16 | 35 | 35 | 17 | ... | ... | ... | 12 | 12 | 11 | 30 | 33 | 21 | 20 | 20 | 12 |
| Shahpur ... | 21 | 22 | 16 | 34 | 34 | 22 | ... | ... | ... | 10 | 10 | 9 | 26 | 26 | 22 | 26 | 26 | 20 |
| Jhelum ... | 23 | 23 | 16 | 35 | 32 | 22 | ... | ... | ... | 14 | 14 | 11 | 28 | 25 | 21 | 29 | 27 | 19 |
| Ráwalpindi ... | 21 | 20 | 15 | 41 | 41 | 21 | ... | ... | ... | 14 | 14 | 10 | 40 | 40 | 22 | 28 | 28 | 17 |
| Hazára ... | 26 | 26 | 12 | 44 | 40 | 17 | ... | ... | ... | 13 | 12 | 11 | 16 | 16 | ‡ | 20 | 20 | 12 |
| Pesháwar ... | 19 | 21 | 14 | 48 | 45 | 21 | ... | ... | ... | 11 | 11 | 10 | 41 | 44 | 23 | 25 | 22 | 15 |
| Kohát ... | 22 | 24 | 13 | 51 | 52 | 19 | ... | ... | ... | 16 | 16 | 11 | 32 | 35 | 16 | 34 | 35 | 16 |
| Bannu ... | 26 | 28 | 14 | 54 | 49 | 23 | ... | ... | ... | 15 | 16 | 10 | 48 | 50 | 22 | 33 | 32 | 17 |
| D. I. Khan ... | 20 | 21 | 14 | 40 | 39 | 24 | ... | ... | ... | 9 | 9 | 8 | 36 | 35 | 21 | 29 | 30 | 18 |
| D. G. Khan ... | 16 | 16 | 15 | 25 | 25 | 21 | ... | ... | ... | 8 | 8 | 10 | 25 | 25 | 21 | 23 | 23 | 18 |
| Muzaffargarh | 18 | 18 | 15 | 26 | 26 | 20 | ... | ... | ... | 13 | 13 | 12 | 18 | 18 | 17 | 18 | 18 | 17 |

† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st DECEMBER 1889.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | | |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 27 | 27 | 24 | |
| † | † | † | 16 | 16 | † | 24 | 24 | 24 | |
| † | † | ... | † | † | ... | 23 | 23 | 23 | |
| † | † | ... | 13 | 13 | 11 | 23 | 24 | 22 | |
| 22 | 22 | 22 | 18 | 18 | 17 | 25 | 26 | 26 | |
| 20 | 20 | 20 | 9 | 9 | 12 | 27 | 27 | 25 | |
| 18 | 19 | ... | 8 | 8 | ... | 19 | 19 | 18 | |
| | | | | | | | | | |
| 26 | 26 | 24 | 8 | 8 | 8 | 22 | 22 | 15 | |
| 14 | 13 | 16 | 26 | 30 | 20 | 27 | 28 | 22 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 28 | 29 | 22 | |
| † | † | ... | 20 | 20 | 20 | 28 | 31 | 25 | |
| † | † | ... | 20 | 16 | 16 | 32 | 30 | 22 | |
| | | | | | | | | | |
| † | † | † | 24 | 25 | 28 | 23 | 23 | 17 | |
| 24 | 24 | 20 | 22 | 24 | 16 | 18 | 21 | 21 | |
| § | § | § | 28 | 32 | 20 | 25 | 26 | 20 | |
| § | § | § | 22 | 22 | 20 | 29 | 29 | 21 | |
| † | † | † | 23 | 23 | 18 | 30 | 30 | 22 | |
| † | † | † | 16 | 12 | 12 | 27 | 26 | 20 | |
| | | | | | | | | | |
| § | 24 | § | 32 | 35 | 25 | 24 | 27 | 22 | |
| † | † | † | 12 | 12 | 12 | 26 | 25 | 20 | |
| § | § | † | 20 | 20 | 10 | 25 | 27 | 20 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 27 | 30 | 20 | |
| ‡ | ‡ | ... | ‡ | ‡ | ... | 25 | 26 | 20 | |
| ‡ | ‡ | † | 16 | 16 | 16 | 27 | 26 | 19 | |
| | | | | | | | | | |
| † | † | † | 16 | 16 | 12 | 23 | 22 | 15 | |
| † | † | § | 23 | 22 | 19 | 22 | 24 | 17 | |
| † | † | † | 32 | 25 | 15 | 30 | 30 | 15 | |
| | | | | | | | | | |
| 8 | 8 | 8 | 8 | 8 | 8 | 35 | 34 | 19 | |
| § | § | 15 | 6 | 6 | 5 | 29 | 29 | 18 | |
| § | § | ‡ | § | § | ‡ | 22 | 21 | 16 | |
| § | § | § | § | § | § | 19 | 19 | 17 | |

† Not produced.
‡ Not sold.
§ Not procurable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | |
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 31st Decr. 1889. | | Past fortnight ending 15th Decr. 1889. | | Corresponding fortnight of 1888. | |
| District. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 17 | 17 | 18 | † | † | † | 90 | 90 | 85 | 12 0 | 11 0 | 11 4 | 11 0 | 11 8 | 11 0 |
| Rohtak ... | 16 | 16 | 17 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 10 0 | 11 0 | 10 0 | 12 0 | 11 0 |
| Gurgaon ... | 24 | 24 | 18 | 20 | 20 | 22 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 24 | 24 | 21 | 25 | 25 | 23 | 80 | 80 | 70 | 12 0 | 11 0 | 12 0 | 11 0 | 11 0 | 10 0 |
| Karnál ... | 26 | 28 | 24 | 21 | 21 | 22 | 160 | 120 | 120 | 11 0 | 10 8 | 11 0 | 10 8 | 11 0 | 10 8 |
| Umballa ... | 27 | 25 | 23 | 20 | 20 | 16 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 12 0 | 13 0 | 12 0 |
| Simla ... | 21 | 20 | ... | 11 | 11 | ... | 65 | 65 | 65 | 10 0 | 9 4 | 10 0 | 9 4 | 10 8 | 9 8 |
| Kángra ... | 22 | 22 | 16 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 8 | ‡ | 10 8 | ... | 10 0 |
| Hoshiárpur ... | 28 | 27 | 23 | 16 | 16 | 13 | 85 | 85 | 100 | 12 0 | 11 8 | 12 6 | 12 0 | 13 4 | 13 0 |
| Jullundur ... | 28 | 28 | 26 | ‡ | ‡ | ‡ | 90 | 90 | 100 | 12 8 | 12 0 | 12 8 | 12 0 | 13 0 | 12 8 |
| Ludhiána ... | 31 | 26 | 24 | 14 | 14 | 14 | 110 | 110 | 110 | 12 0 | 11 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ferozepore ... | 32 | 32 | 24 | 11 | 11 | 12 | 100 | 100 | 100 | 12 4 | 12 0 | 13 8 | 13 0 | 13 4 | 13 0 |
| Mooltan ... | 24 | 24 | 17 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Jhang ... | 23 | 24 | 18 | 10 | 10 | 10 | 200 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 26 | 28 | 18 | 12 | 12 | 12 | 200 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 31 | 31 | 21 | 12 | 12 | 12 | 85 | 85 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 29 | 29 | 24 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Gurdáspur ... | 30 | 30 | 22 | 10 | 10 | 8 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 25 | 27 | 21 | 12 | 12 | 12 | 140 | 160 | 160 | 13 0 | 14 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 26 | 26 | 20 | † | † | 11 | 120 | 120 | 120 | * | 13 12 | * | 13 8 | * | 13 0 |
| Gujránwála ... | 24 | 24 | 19 | § | § | 8 | 85 | 85 | 90 | 13 4 | 13 0 | 13 4 | 13 0 | 14 0 | 13 0 |
| Shahpur ... | 24 | 26 | 20 | ‡ | ‡ | 10 | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 26 | 26 | 20 | ‡ | ‡ | ... | 120 | 120 | 160 | 14 0 | 14 0 | 14 4 | 14 0 | ... | 14 0 |
| Ráwalpindi ... | 30 | 31 | 18 | 24 | 20 | 17 | 76 | 70 | 90 | 13 8 | 13 4 | 12 12 | 12 8 | 13 12 | 13 8 |
| Hazára ... | 35 | 36 | 15 | † | † | † | 100 | 100 | 80 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 32 | 32 | 20 | 30 | 23 | 23 | 105 | 100 | 100 | 39 0 | 33 0 | 39 0 | 38 0 | 41 0 | 39 0 |
| Kohát ... | 35 | 38 | 18 | † | † | † | 125 | 100 | 166 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 56 0 |
| Bannu ... | 43 | 44 | 20 | 11 | 11 | 11 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 26 | 26 | 15 | 15 | 15 | § | 112 | 112 | 112 | 48 0 | 46 0 | 48 0 | 46 0 | 44 0 | 42 0 |
| D. G. Khan ... | 15 | 15 | ‡ | § | § | ‡ | 125 | 125 | 75 | 30 0 | 29 0 | 30 0 | 29 0 | 29 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st DECEMBER 1889—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| Gur. | | | Cotton (Unginned). | | |
| Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 12 0 | 11 0 | 12 2 | 7 0 | 7 0 | 7 0 |
| 13 0 | 13 0 | 14 0 | 7 8 | 7 8 | 8 0 |
| 13 0 | 13 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 11 0 | 7 0 | 7 0 | 7 0 |
| 12 0 | 12 0 | 14 0 | 8 8 | 8 8 | 8 4 |
| 11 0 | 11 0 | 11 0 | 7 8 | 7 8 | 7 0 |
| 7 6 | 6 10 | 7 0 | 2 6 | 2 8 | 2 8 |
| | | | | | |
| 9 0 | 9 0 | 9 0 | 6 0 | 6 0 | 8 0 |
| 10 0 | 10 0 | 12 0 | 7 12 | 8 0 | 9 0 |
| 12 0 | 12 0 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 10 0 | 12 0 | 8 0 | 8 0 | 9 0 |
| 11 0 | 10 0 | 12 0 | 8 8 | 8 0 | 7 8 |
| | | | | | |
| 8 8 | 8 8 | 9 0 | 7 0 | 7 0 | 6 0 |
| 12 0 | 12 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 11 8 | 10 8 | 10 0 | 9 0 | 9 0 | 8 0 |
| 9 4 | 9 4 | 11 0 | 8 1 | 8 1 | 7 2 |
| 13 0 | 13 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 12 8 | 12 8 | 14 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 15 0 | 15 0 | 14 0 | 10 0 | 9 0 | 8 0 |
| 12 8 | 12 0 | 12 0 | 10 0 | 9 0 | 8 0 |
| 12 0 | 11 0 | 12 0 | 9 0 | 8 0 | 8 0 |
| 11 0 | 11 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 12 0 | 11 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| 11 0 | 9 0 | 10 8 | 10 0 | 8 0 | 9 0 |
| | | | | | |
| 8 0 | 8 0 | 8 0 | § | § | § |
| 10 0 | 11 0 | 7 0 | 8 12 | 8 12 | 6 11 |
| 10 0 | 10 0 | 10 0 | 10 0 | 10 0 | 7 8 |
| | | | | | |
| 13 12 | 12 13 | 14 0 | 8 12 | 8 12 | 8 12 |
| 11 0 | 10 0 | 11 0 | 9 6 | 9 4 | 9 6 |
| 7 13 | 7 13 | 8 12 | 8 8 | 8 8 | 8 12 |
| 10 0 | 9 0 | 9 8 | 8 0 | 8 0 | 7 8 |

§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 116 seers as compared with 115 seers in last fortnight and 119 seers in corresponding period of 1888. The chief variations in each Division are—

| | | Same fortnight in 1888. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 120 | 120 | 160 |
| Hoshiárpur | ... | 100 | 85 | 85 |
| Jhang | ... | 240 | 240 | 200 |
| Siálkot | ... | 160 | 160 | 140 |
| Kohát | ... | 166 | 100 | 125 |
| D. G. Khan | ... | 75 | 125 | 125 |

*Lahori Salt.*—Prices average 11 seers 13 chataks as compared with 11 seers 14 chataks in last fortnight and 12 seers 1 chatak in corresponding period of 1888. The chief variations in each Division are—

| | | Same fortnight in 1888. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Delhi | ... | 10 0 | 11 0 | 11 0 |
| Ferozepore | ... | 13 0 | 13 0 | 12 4 |
| Lahore | ... | 12 0 | 12 0 | 13 0 |
| Shahpur | ... | 13 0 | 13 0 | 14 0 |

*Kohát Salt.*—Prices average 42 seers 10 chataks as compared with 42 seers 10 chataks in last fortnight and 40 seers 13 chataks in corresponding period of 1888. The following are the chief variations—

| | | Same fortnight in 1888. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Kohát | ... | 56 | 60 | 60 |
| D. I. Khan | ... | 42 | 46 | 46 |

*Gur.*—Prices average 11 seers 1 chatak as compared with 10 seers 12 chataks in last fortnight and 11 seers 8 chataks in corresponding period of 1888. The chief variations in each Division are—

| | | Same fortnight in 1888. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Delhi | ... | 11 0 | 8 0 | 8 0 |
| Ludhiána | ... | 12 0 | 10 0 | 10 0 |
| Gurdáspur | ... | 14 8 | 12 8 | 12 8 |
| Siálkot | ... | 14 0 | 15 0 | 15 0 |
| Pesháwar | ... | 7 0 | 11 0 | 10 0 |
| D. G. Khan | ... | 8 12 | 7 13 | 7 13 |

*Cotton (Unginned).*—Prices average 8 seers 6 chataks as compared with 8 seers 3 chataks in last fortnight and 7 seers 14 chataks in corresponding period of 1888. The chief variations in each Division are—

| | | Same fortnight in 1888. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Umballa | ... | 7 0 | 7 8 | 7 8 |
| Kángra | ... | 8 0 | 6 0 | 6 0 |
| Mooltan | ... | 6 0 | 7 0 | 7 0 |
| Siálkot | ... | 8 0 | 9 0 | 10 0 |
| Kohát | ... | 7 8 | 10 0 | 10 0 |
| Muzaffargarh | ... | 7 8 | 8 0 | 8 0 |

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| Districts. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 13th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs | Srs. | Srs | Srs. | Srs | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 16 | 25 | 25 | 22 | ... | ... | ... | 13 | 13 | 13 | 23 | 22 | 21 | 21 | 21 | 17 | † | † | ... |
| Ferozepore ... | 19 | 19 | 17 | 35 | 35 | 25 | ... | ... | ... | 10 | 10 | 10 | 32 | 30 | 25 | 28 | 26 | 20 | † | † | ... |
| Mooltan ... | 16 | 16 | 14 | 27 | 24 | 22 | ... | ... | ... | 11 | 11 | 11 | 27 | 25 | 21 | 21 | 21 | 18 | † | † | ... |
| Lahore ... | 20 | 20 | 16 | 37 | 37 | 25 | ... | ... | ... | 12 | 12 | 9 | 33 | 33 | 25 | 20 | 20 | 15 | § | § | ... |
| Amritsar ... | 21 | 22 | 17 | 30 | 35 | 23 | ... | ... | ... | 12 | 12 | 11 | 30 | 30 | 23 | 22 | 20 | 17 | † | † | ... |
| Peshawar ... | 20 | 22 | 15 | 50 | 46 | 22 | ... | ... | ... | 12 | 12 | 10 | 43 | 46 | 24 | 26 | 23 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 31st DECEMBER 1889.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | Present fortnight ending 31st Decr. 1889. | Past fortnight ending 15th Decr. 1889. | Corresponding fortnight of 1888. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 12 | 24 | 25 | 23 | 25 | 25 | 22 | 26 | 26 | 24 | 10 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 | |
| 20 | 16 | 16 | 32 | 30 | 22 | 32 | 32 | 24 | 11 | 11 | 12 | 11 0 | 10 0 | 12 0 | 8 8 | 8 0 | 7 8 | |
| 25 | 25 | 29 | 23 | 23 | 18 | 25 | 25 | 18 | † | † | ... | 9 0 | 9 0 | 9 4 | 7 4 | 7 4 | 6 4 | |
| 23 | 23 | 22 | 29 | 30 | 22 | 32 | 32 | 22 | 13 | 13 | 13 | 10 8 | 10 4 | 12 0 | 8 3 | 8 3 | 7 6 | |
| 24 | 24 | 18 | 31 | 31 | 22 | 30 | 30 | 24 | † | † | ... | 14 0 | 14 0 | 14 0 | 8 8 | 8 8 | 8 0 | |
| 24 | 23 | 20 | 23 | 25 | 18 | 33 | 33 | 21 | 31 | 24 | 24 | 11 0 | 12 0 | 9 11 | 9 0 | 9 0 | 6 15 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## RAIN RETURNS, PUNJAB.

**Weekly Rain Report for the week ending 29th December 1889.**

MEMO.—There has been no rainfall of importance. Every return received is blank, except the following stations :—

| | | |
|---|---|---|
| Abbott-abad (Hazára District) on 24th and 25th December 1889 0·1 and 0·4 respectively | ... | 0·5 |
| Mansahra (Hazára District) on 25th December 1889 | ... | 0·3 |

Dust storm at Peshávar on 24th December 1889.

Deputy Commissioner, Karnál, reports that there is now little prospect of rabi crop on the unirrigated area.

Deputy Commissioner, Gujrát, reports that the rain is urgently required, as the baráni land crops are withering. Fodder sufficient.

Deputy Commissioner, Gujránwála, reports that the rain is badly wanted.

Deputy Commissioner, Pesháwar, reports that the clouds are off and on.

PESTONJI, *Superintendent,*

*Office of Director of Land Records and Agriculture, Punjab.*

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 7th DECEMBER 1889.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 5 | 3 | 8 | 13 | 7 | 6 | ... | ... | 4 | 3 | ... | 6 | 2 | 2 | 4 | 29 | 48 |
| 2 | | Hansi ... | 12,656 | 6 | 5 | 11 | 6 | 1 | 5 | ... | ... | 6 | ... | ... | ... | ... | 1 | 1 | 45 | 25 |
| 3 | | Bhiwani ... | 33,762 | 15 | 10 | 25 | 37 | 13 | 24 | ... | ... | 11 | 1 | ... | 25 | 3 | 5 | 8 | 39 | 57 |
| 4 | | Sirsa ... | 12,292 | 7 | 6 | 13 | 4 | 1 | 3 | ... | ... | 3 | 1 | ... | ... | ... | 2 | 2 | 55 | 17 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 7 | 4 | 11 | 9 | 5 | 4 | ... | ... | ... | 1 | ... | 8 | 2 | 1 | 3 | 37 | 30 |
| 6 | | Jhajjar ... | 11,650 | 5 | 9 | 14 | 5 | 3 | 2 | ... | ... | 1 | 2 | ... | 2 | 2 | ... | 2 | 63 | 22 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 8 | 13 | 21 | 19 | 5 | 14 | ... | 5 | 5 | 3 | ... | 6 | ... | 2 | 2 | 45 | 41 |
| 8 | | Palwal ... | 10,635 | 7 | 2 | 9 | 13 | 6 | 7 | ... | ... | 7 | 2 | ... | 4 | 1 | 2 | 3 | 44 | 64 |
| 9 | Delhi ... | Delhi ... | 117,363 | 45 | 57 | 102 | 114 | 55 | 59 | ... | ... | 70 | 3 | ... | 41 | 9 | 18 | 27 | 45 | 51 |
| 10 | | " Suburbs ... | 52,882 | 18 | 16 | 34 | 16 | 10 | 6 | ... | ... | 15 | ... | ... | 1 | ... | 1 | 1 | 34 | 16 |
| 11 | | Sonepat ... | 13,077 | 11 | 9 | 2 | 12 | 7 | 5 | ... | ... | 7 | 1 | 1 | 3 | 2 | 1 | 3 | 80 | 48 |
| 12 | Karnal ... | Karnal ... | 23,133 | 13 | 11 | 24 | 19 | 11 | 8 | ... | ... | 9 | 3 | ... | 7 | 4 | 1 | 5 | 54 | 43 |
| 13 | | Kaithal ... | 14,754 | 14 | 10 | 24 | 14 | 7 | 7 | ... | ... | 3 | 1 | 1 | 9 | 1 | 3 | 4 | 85 | 49 |
| 14 | | Panipat ... | 26,572 | 13 | 13 | 26 | 20 | 11 | 9 | ... | ... | 3 | 2 | ... | 15 | 4 | 2 | 6 | 51 | 39 |
| 15 | Umballa ... | Umballa ... | 26,777 | 19 | 14 | 33 | 21 | 7 | 14 | ... | ... | 7 | 4 | ... | 10 | 1 | 3 | 4 | 64 | 41 |
| 16 | | Jagadhri ... | 12,300 | 4 | 5 | 9 | 8 | 4 | 4 | ... | ... | 5 | ... | ... | 3 | 1 | ... | 1 | 38 | 34 |
| 17 | | Shahabad ... | 10,218 | 5 | 6 | 11 | 10 | 7 | 3 | ... | ... | 6 | ... | ... | 4 | 1 | ... | 1 | 56 | 51 |
| 18 | | Sadhaura ... | 10,794 | 3 | 2 | 5 | 5 | 2 | 3 | ... | ... | 5 | ... | ... | ... | ... | 2 | 2 | 24 | 24 |
| 19 | | Rupar ... | 10,326 | 5 | 4 | 9 | 7 | 5 | 2 | ... | ... | 4 | 1 | ... | 2 | 1 | ... | 1 | 45 | 35 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 7 | 5 | 12 | 13 | 10 | 3 | ... | ... | 4 | 3 | ... | 6 | 4 | ... | 4 | 47 | 51 |
| 21 | | Tanda and Urmar ... | 10,295 | 3 | 8 | 11 | 10 | 4 | 6 | ... | ... | 8 | ... | ... | 2 | 2 | 1 | 3 | 56 | 51 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 21 | 17 | 38 | 24 | 12 | 12 | ... | ... | 12 | 2 | ... | 10 | 3 | 4 | 7 | 64 | 40 |
| 23 | | " Suburbs ... | 11,474 | 10 | 5 | 15 | 10 | 4 | 6 | ... | ... | 4 | ... | ... | 6 | ... | 2 | 2 | 68 | 45 |
| 24 | | Rahon ... | 11,736 | 4 | 1 | 5 | 14 | 5 | 9 | ... | ... | 11 | ... | ... | 3 | 1 | 2 | 3 | 22 | 62 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 12 | 29 | 29 | 15 | 14 | ... | ... | 19 | 2 | ... | 8 | 8 | 2 | 10 | 34 | 34 |
| 26 | | Jagraon ... | 16,873 | 15 | 9 | 24 | 33 | 20 | 13 | ... | 2 | 15 | 3 | ... | 13 | 9 | 3 | 12 | 74 | 102 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 18 | 16 | 34 | 30 | 18 | 12 | ... | ... | 22 | 6 | ... | 2 | 3 | 2 | 5 | 85 | 75 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 11 | 14 | 25 | 29 | 8 | 21 | ... | ... | 11 | 7 | ... | 11 | 2 | 9 | 11 | 41 | 47 |
| 29 | | " Suburbs ... | 25,593 | 17 | 14 | 31 | 25 | 12 | 13 | ... | ... | 12 | ... | ... | 13 | 4 | 4 | 8 | 63 | 51 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 7 | 5 | 12 | 9 | 5 | 4 | | ... | 2 | 1 | ... | 6 | 1 | 2 | 3 | 50 | 37 |
| 31 | | Chiniot ... | 10,731 | 10 | 6 | 16 | 8 | 5 | 3 | | ... | 3 | ... | ... | 5 | 4 | 1 | 5 | 78 | 39 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 53 | 51 | 104 | 105 | 46 | 59 | ... | ... | 58 | 3 | 3 | 41 | 10 | 16 | 26 | 56 | 56 |
| 33 | | " Suburbs ... | 41,670 | 3 | 5 | 8 | 41 | 26 | 15 | ... | ... | 24 | 2 | ... | 15 | 2 | 2 | 4 | 10 | 51 |
| 34 | | Kasur ... | 17,336 | 9 | 7 | 16 | 22 | 13 | 9 | ... | ... | 18 | 2 | ... | 2 | 4 | 1 | 5 | 48 | 66 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 71 | 54 | 125 | 146 | 81 | 65 | ... | ... | 84 | 6 | 2 | 54 | 21 | 23 | 44 | 45 | 53 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 12 | 15 | 27 | 15 | 7 | 8 | ... | ... | 8 | ... | ... | 7 | 2 | 3 | 5 | 58 | 32 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 21 | 15 | 36 | 15 | 10 | 5 | ... | 2 | 1 | 2 | ... | 10 | 3 | 1 | 4 | 55 | 23 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 4 | 12 | 20 | 8 | 12 | ... | ... | 17 | ... | ... | 3 | ... | 2 | 2 | 33 | 56 |
| 39 | | Jalalpur ... | 12,839 | 7 | 9 | 16 | 6 | 2 | 4 | ... | ... | 5 | 1 | ... | ... | ... | 1 | 1 | 65 | 24 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 13 | 13 | 26 | 14 | 7 | 7 | ... | ... | 6 | 2 | ... | 6 | 2 | 1 | 3 | 59 | 32 |
| 41 | | Wazirabad ... | 16,462 | 7 | 9 | 16 | 20 | 12 | 8 | ... | ... | 14 | 1 | ... | 5 | 3 | ... | 3 | 51 | 63 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 5 | 12 | 17 | 12 | 9 | 3 | ... | ... | 8 | 1 | ... | 3 | 1 | 1 | 2 | 58 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 3 | 5 | 11 | 8 | 3 | ... | ... | 11 | ... | ... | ... | 1 | ... | 1 | 16 | 34 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | 6 | 8 | 32 | 19 | 13 | ... | ... | 21 | 8 | ... | 3 | 1 | ... | 1 | 25 | 100 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 6 | 13 | 19 | 53 | 26 | 27 | ... | ... | 34 | 8 | ... | 11 | 3 | 6 | 9 | 36 | 100 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 28 | 20 | 48 | 120 | 58 | 62 | ... | 57 | 42 | 2 | ... | 19 | 8 | 10 | 18 | 42 | 106 |
| 47 | Kohat ... | Kohat ... | 13,490 | 6 | 5 | 11 | 11 | 9 | 2 | ... | ... | 9 | ... | ... | 2 | ... | ... | ... | 43 | 43 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 12 | 2 | 14 | 14 | 11 | 3 | ... | ... | 8 | 6 | ... | ... | 3 | 1 | 4 | 38 | 38 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 9 | 13 | 8 | 3 | 5 | ... | ... | 5 | 1 | ... | 2 | 1 | 4 | 5 | 35 | 21 |
| | Birth and death rate of London for the week ending 16th November 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·2 | 17·4 |
| | | Grand Total ... | 1,311,330 | 619 | 563 | 1182 | 1251 | 640 | 611 | ... | 66 | 667 | 97 | 7 | 414 | 140 | 150 | 290 | 47 | 50 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 2 | ... | 2 | 3 | 1 | 2 | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | 8 | 13 |
| | Dharmsala ... | ... ... ... | 3,839 | 1 | 1 | 2 | 2 | 1 | 1 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 27 | 27 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree... ... | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 6th January* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 7th December* 1889.

*General Results.*—The return is incomplete, the registers for the District of Muzaffargarh not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 16,812 against 17,639 in the previous week and 14,208 in the corresponding week of the past year, giving respectively an annual death-rate of 47·4, 49·7 and 40·0 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 129 deaths were registered against 103 in the previous week and 275 in the corresponding week of the past year.

*Fevers.*—From fevers there were 13,104 deaths against 13,764 in the previous week and 10,524 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 430 deaths against 485 and 425.

*Chest disease.*—Seven hundred and thirty-six against 739 and 638.

*Snake-bite.*—Four against 4 and 3.

*Hydrophobia.*—One against 1 and 3.

*All other causes.*—Two thousand four hundred and eight against 2,542 in the previous week and 2,526 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand five hundred and fifty-five deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,804 were males and 1,751 females.

*Births and deaths in Municipal Towns.*—In the 49 large Municipal towns 1,251 deaths were registered (640 males and 611 females), giving a death-rate of 50 per mille of population; 1,182 births were registered (619 males and 563 females), giving a birth-rate of 47 per mille of population. The mortality was very high during the week in the Municipal towns of Pesháwar, Jagraon, Pind Dádan Khan and Ráwalpindi, being at the average annual rate of 106, 102, 100 and 100 per 1,000 respectively.

LAHORE: The 6th January 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 14th DECEMBER 1889.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 11 | 4 | 15 | 14 | 6 | 8 | ... | ... | 8 | ... | ... | 6 | 2 | ... | 2 | 55 | 51 |
| 2 | | Hansi ... | 12,656 | 8 | 8 | 16 | 5 | 2 | 3 | ... | ... | 5 | .. | ... | ... | ... | 1 | 1 | 66 | 21 |
| 3 | | Bhiwani ... | 33,762 | 11 | 18 | 29 | 34 | 18 | 16 | ... | ... | 8 | 2 | ... | 24 | 6 | 4 | 10 | 45 | 53 |
| 4 | | Sirsa ... | 12,292 | 6 | 1 | 7 | 5 | 2 | 3 | .. | ... | 4 | .. | .. | 1 | ... | ... | ... | 30 | 21 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 8 | 10 | 18 | 6 | 3 | 3 | ... | ... | 3 | .. | ... | 3 | 1 | 1 | 2 | 60 | 20 |
| 6 | | Jhajjar ... | 11,650 | 7 | 6 | 13 | 7 | 6 | 1 | ... | ... | 3 | 1 | ... | 3 | 1 | ... | 1 | 58 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 8 | 19 | 27 | 23 | 14 | 9 | ... | .. | 16 | 1 | ... | 6 | 3 | 2 | 5 | 57 | 49 |
| 8 | | Palwal ... | 10,635 | 6 | 9 | 15 | 9 | 5 | 4 | ... | ... | 3 | 1 | ... | 5 | 4 | 1 | 5 | 74 | 44 |
| 9 | Delhi ... | Delhi ... | 117,363 | 69 | 60 | 129 | 117 | 57 | 60 | ... | ... | 58 | 2 | ... | 57 | 18 | 16 | 34 | 57 | 52 |
| 10 | | „ Suburbs ... | 52,882 | 18 | 18 | 36 | 37 | 19 | 18 | ... | .. | 22 | 1 | ... | 14 | 1 | 3 | 4 | 35 | 36 |
| 11 | | Sonepat ... | 13,077 | 8 | 5 | 13 | 12 | 5 | 7 | .. | ... | 7 | 2 | ... | 3 | ... | ... | ... | 52 | 48 |
| 12 | Karnal ... | Karnal ... | 23,133 | 7 | 7 | 14 | 31 | 19 | 12 | ... | .. | 20 | 4 | ... | 7 | 5 | 3 | 8 | 32 | 70 |
| 13 | | Kaithal ... | 14,754 | 3 | 4 | 7 | 11 | 4 | 7 | ... | .. | 2 | 2 | ... | 7 | 2 | 1 | 3 | 25 | 39 |
| 14 | | Panipat ... | 26,572 | 13 | 16 | 29 | 17 | 10 | 7 | ... | ... | 7 | 2 | ... | 8 | 4 | ... | 4 | 57 | 33 |
| 15 | Umballa ... | Umballa ... | 26,777 | 13 | 8 | 21 | 29 | 14 | 15 | ... | .. | 10 | 5 | ... | 14 | 3 | ... | 3 | 41 | 57 |
| 16 | | Jagadhri ... | 12,300 | 3 | 3 | 6 | 3 | ... | 3 | .. | ... | 2 | ... | ... | 1 | ... | 1 | 1 | 25 | 13 |
| 17 | | Shahabad ... | 10,218 | 2 | 1 | 3 | 2 | 1 | 1 | ... | ... | 2 | .. | ... | ... | ... | ... | ... | 15 | 10 |
| 18 | | Sadhaura ... | 10,794 | 4 | 3 | 7 | 10 | 5 | 5 | .. | ... | 6 | ... | ... | 4 | 3 | .. | 3 | 34 | 48 |
| 19 | | Rupar ... | 10,326 | 2 | 3 | 5 | 5 | 4 | 1 | ... | ... | 3 | 2 | .. | ... | ... | ... | ... | 25 | 25 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 4 | 8 | 12 | 20 | 10 | 10 | ... | ... | 10 | 2 | ... | 8 | 2 | 2 | 4 | 47 | 79 |
| 21 | | Tanda and Urmar ... | 10,295 | 12 | 4 | 16 | 19 | 12 | 7 | ... | .. | 14 | ... | ... | 5 | 5 | 1 | 6 | 81 | 96 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 26 | 15 | 41 | 28 | 18 | 10 | .. | ... | 14 | 1 | ... | 13 | 7 | 3 | 10 | 69 | 47 |
| 23 | | „ Suburbs ... | 11,474 | 10 | 5 | 15 | 7 | 7 | ... | ... | ... | 3 | ... | ... | 4 | 3 | ... | 3 | 68 | 32 |
| 24 | | Rahon ... | 11,736 | 7 | 4 | 11 | 7 | 4 | 3 | ... | ... | 7 | ... | ... | ... | ... | ... | ... | 49 | 31 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 19 | 21 | 40 | 27 | 19 | 8 | ... | ... | 15 | ... | ... | 12 | 8 | 3 | 11 | 47 | 32 |
| 26 | | Jagraon ... | 16,873 | 7 | 12 | 19 | 24 | 14 | 10 | ... | ... | 12 | 1 | ... | 11 | 2 | 2 | 4 | 59 | 74 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 14 | 7 | 21 | 21 | 14 | 7 | ... | ... | 14 | 6 | ... | 1 | 1 | 1 | 2 | 52 | 52 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 16 | 15 | 31 | 18 | 6 | 12 | ... | ... | 6 | 2 | ... | 10 | 2 | 7 | 9 | 51 | 29 |
| 29 | | „ Suburbs ... | 25,593 | 12 | 11 | 23 | 18 | 12 | 6 | ... | ... | 14 | 2 | .. | 2 | 2 | 2 | 4 | 47 | 37 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 9 | 4 | 13 | 13 | 9 | 4 | ... | ... | 5 | ... | ... | 8 | 1 | 1 | 2 | 54 | 54 |
| 31 | | Chiniot ... | 10,731 | 7 | 10 | 17 | 5 | 2 | 3 | ... | .. | 1 | ... | ... | 4 | ... | 3 | 3 | 83 | 24 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 57 | 45 | 102 | 108 | 59 | 49 | ... | ... | 68 | 6 | 1 | 33 | 12 | 8 | 20 | 55 | 58 |
| 33 | | " Suburbs ... | 41,670 | 7 | 5 | 12 | 31 | 22 | 9 | ... | ... | 14 | 3 | ... | 14 | 1 | 2 | 3 | 15 | 39 |
| 34 | | Kasur ... | 17,336 | 5 | 8 | 13 | 22 | 17 | 5 | ... | ... | 17 | ... | ... | 5 | 3 | 2 | 5 | 39 | 66 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 76 | 62 | 138 | 146 | 90 | 56 | ... | ... | 82 | 6 | ... | 58 | 21 | 9 | 30 | 50 | 53 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 16 | 12 | 28 | 14 | 7 | 7 | ... | ... | 9 | ... | ... | 5 | 1 | 1 | 2 | 60 | 30 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 24 | 19 | 43 | 30 | 17 | 13 | ... | 3 | 12 | 4 | ... | 11 | 3 | 1 | 4 | 66 | 46 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 4 | 7 | 11 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 2 | ... | 2 | 31 | 14 |
| 39 | | Jalalpur ... | 12,839 | 9 | 7 | 16 | 13 | 7 | 6 | ... | ... | 6 | ... | ... | 7 | 1 | 1 | 2 | 65 | 53 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 8 | 16 | 24 | 14 | 10 | 4 | ... | ... | 3 | 1 | ... | 10 | 5 | 1 | 6 | 55 | 32 |
| 41 | | Wazirabad ... | 16,462 | 3 | 9 | 12 | 19 | 8 | 11 | ... | ... | 12 | 1 | ... | 6 | 3 | 3 | 6 | 38 | 60 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 5 | 8 | 13 | 12 | 4 | 8 | ... | ... | 12 | ... | ... | ... | 1 | 1 | 2 | 45 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 4 | 1 | 5 | 8 | 8 | ... | ... | ... | 8 | ... | .. | ... | ... | ... | ... | 16 | 25 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 3 | 6 | 19 | 11 | 8 | ... | ... | 12 | 5 | .. | 2 | 4 | ... | 4 | 19 | 59 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 14 | 9 | 23 | 62 | 44 | 18 | ... | .. | 42 | 6 | ... | 14 | 6 | 6 | 12 | 43 | 117 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 34 | 22 | 56 | 84 | 48 | 36 | ... | 29 | 32 | 6 | ... | 17 | 14 | 5 | 19 | 49 | 74 |
| 47 | Kohat ... | Kohat ... | 13,490 | 2 | 2 | 4 | 10 | 7 | 3 | ... | ... | 5 | ... | ... | 5 | 2 | ... | 2 | 15 | 39 |
| 48 | D. I. Khan ... | D. I. Khan ... | 18,988 | 6 | 8 | 14 | 20 | 10 | 10 | ... | ... | 9 | 6 | ... | 5 | 1 | 2 | 3 | 38 | 55 |
| 49 | D. G. Khan ... | D. G. Khan ... | 19,687 | 8 | 3 | 11 | 19 | 10 | 9 | ... | ... | 13 | ... | ... | 6 | 1 | 1 | 2 | 29 | 50 |
| | Birth and death rate of London for the week ending 23rd November 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | 30·2 | 16·5 |
| | Grand Total ... | | 1,311,330 | 635 | 565 | 1200 | 1220 | 704 | 516 | ... | 32 | 663 | 83 | 1 | 441 | 167 | 101 | 268 | 48 | 49 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... | 12,305 | 2 | ... | 2 | 5 | 4 | 1 | ... | ... | 4 | 1 | ... | ... | ... | ... | ... | 8 | 21 |
| | Dharmsala ... | ... ... | 3,839 | 1 | 1 | 2 | 4 | 3 | 1 | ... | ... | ... | ... | ... | 4 | ... | ... | ... | 27 | 54 |
| | Dalhousie ... | ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**Note.**—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

Sanitary Commissioner's Office,
Lahore:
*The 6th January* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 14th December 1889.*

*General Results.*—The return is incomplete, the registers for the district of Muzaffargarh, not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 16,415 against 16,812 in the previous week and 13,239 in the corresponding week of the past year, giving respectively an annual death-rate of 46·3, 47·4 and 37·3 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 100 deaths were registered against 129 in the previous week and 284 in the corresponding week of the past year.

*Fevers.*—From fevers there were 12,890 deaths against 13,104 in the previous week and 9,647 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 375 deaths against 430 and 388.

*Chest disease.*—Eight hundred and fourteen against 736 and 725.

*Snake-bite.*—Three against 4 and 0.

*Hydrophobia.*—One against 1 and 5.

*All other causes.*—Two thousand two hundred and thirty-two against 2,408 in the previous week and 2,189 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand three hundred and seventeen deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,726 were males and 1,591 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,220 deaths were registered (704 males and 516 females), giving a death-rate of 49 per mille of population; 1,200 births were registered (635 males and 565 females), giving a birth-rate of 48 per mille of population. The mortality in the Municipal town of Ráwalpindi is still very high, being at the annual rate of 117 per 1,000.

LAHORE: The 6th January 1890.

A. STEPHEN, *Surgeon-Major*, *Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—9-1-90—690.

No. 3 of 1890.

# SUPPLEMENT TO THE
# Government Gazette
## PUNJAB AND ITS DEPENDENCIES.

**Published by Authority.**

LAHORE, THURSDAY, JANUARY 16, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 14th JANUARY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | ... | Crops much in need of rain. |
| 2 | Delhi ... | ... | ... | Fluctuating. | ... | Crops suffering from drought. |
| 3 | Umballa ... | ... | ... | Slightly rising. | ... | Crops, especially wheat, suffering. |
| 4 | Jullundur ... | ... | Fodder sufficient. | Stationary. | ... | Rain much needed. Poppy weeding in progress. Standing crops average. |
| 5 | Ferozepore ... | ... | Ditto. | Slightly rising. | ... | Rain much wanted. |
| 6 | Amritsar ... | ... | Ditto. | Stationary. | ... | Rain wanted. No complaints against canal working. |
| 7 | Siálkot ... | ... | Ditto. | Do. | ... | ... |
| 8 | Lahore ... | ... | Fodder sufficient but scarce at Sadr. | Slightly rising in Sharakpur. | ... | Tending and watering of crops in progress. Prospects of standing crops on Chábi and Nahri lands good. Rain wanted for Baráni crops. |
| 9 | Mooltan ... | ... | Fodder sufficient. | Stationary. | ... | Crops in good condition. |
| 10 | Ráwalpindi ... | ... | Ditto. | Rising. | ... | Crops beginning to suffer from want of rain. Sown and germinated area south-west below average. |
| 11 | Shahpur ... | ... | Ditto. | Do. | ... | Crops badly in want of rain. |
| 12 | D. I. Khan ... | ... | Fodder supply decreasing. | Stationary. | ... | Condition of crops good. Rain wanted. |
| 13 | Peshâwar ... | ... | Fodder scarce. | Rising. | ... | Prospects of crops average on irrigated lands; few sowings on Baráni lands. Rain much needed. |

*GENERAL REMARKS.*

Prices unsettled in Delhi; rising in Umballa, Ferozepore, Ráwalpindi, Shahpur and parts of Lahore; stationary elsewhere. Sowings of rabi crops nearly over. Rain badly wanted throughout the Province. Prospects of standing crops are reported average. Crops are beginning to suffer in most districts from drought. Fodder sufficient except in Dera Ismail Khan, Peshâwar and part of Lahore. Poppy weeding in progress in Jullundur.

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889.

**Explanation :—(*c*).** Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| HISSAR. | Sirsa ... | 0·68 | ... | 0·35 | ... | ... | ... | ... | Crops are in a critical state for want of rain. Fodder is getting somewhat dear. Health good. |
| | Fatahabad ... | 0·72 | ... | 0·37 | ... | ... | ... | ... | |
| | Barwála ... | 0·74 | ... | 0·42 | ... | ... | ... | ... | |
| | **Hissar** ... | **0·74** | ... | **0·35** | ... | ... | ... | ... | |
| | Hánsi ... | 0·64 | ... | 0·38 | ... | ... | ... | ... | |
| | Bhiwáni ... | 0·68 | ... | 0·40 | ... | ... | ... | ... | |
| | Budhláda ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| ROHTAK. | **Rohtak** ... | **0·84** | ... | **0·36** | ... | ... | ... | ... | Rabi sowings completed; grain crops much in need of rain. Health is generally good. |
| | Gohána ... | 0·89 | ... | 0·50 | ... | ... | ... | ... | |
| | Sámpla ... | 0·80 | ... | 0·42 | ... | ... | ... | ... | |
| | Jhajjar ... | 0·72 | ... | 0·40 | ... | ... | ... | ... | |
| GURGAON. | Farukhnagar ... | ... | ... | ... | ... | ... | ... | ... | Spring crops begin to feel the dryness of the season. People are in good health. |
| | Játusána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári ... | 0·70 | ... | 0·38 | ... | ... | ... | ... | |
| | Shahjahánpur ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh ... | 0·77 | ... | 0·37 | ... | ... | ... | ... | |
| | Fírozpur ... | 0·44 | ... | 0·21 | ... | ... | ... | ... | |
| | Hodal ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattin ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 0·64 | ... | 0·30 | ... | ... | ... | ... | |
| | Sohna ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Gurgaon** ... | **0·77** | ... | **0·29** | ... | ... | ... | ... | |
| | Punahána ... | ... | ... | ... | ... | ... | ... | ... | |
| DELHI. | Ballabgarh ... | 0·81 | ... | 0·30 | ... | ... | ... | ... | No rain during the month. Much anxiety prevails with regard to Rabi crops which do not promise well on baráni lands. Health of people fair. Canal and well irrigation is much resorted to wherever available to save the Rabi crops. |
| | Mahrauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Sadr (Delhi)** ... | **0·92** | ... | **0·34** | ... | ... | ... | ... | |
| | Sonepat ... | 0·89 | ... | 0·29 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889—(continued).

**Explanation** :—(*c*) Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 1·39 | ... | 0·31 | ... | ... | ... | ... | The failure so far of the winter rain has prevented much hope of any crops on unirrigated areas. Fodder is getting rather low too. The health of people is on the whole good. |
| | **Karnal** ... | **0·91** | ... | **0·40** | ... | ... | ... | ... | |
| | Rajaund ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal ... | 0·47 | ... | 0·22 | ... | ... | ... | ... | |
| | Gula ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli ... | 1·35 | ... | 0·52 | ... | ... | ... | ... | Rabi crops are very much in need of rain. Health of people good. |
| | Jagádhri ... | 1·77 | ... | 0·62 | ... | ... | ... | ... | |
| | **Umballa** ... | **1·47** | ... | **0·66** | ... | ... | ... | ... | |
| | Naráingarh ... | 2·09 | ... | 0·76 | ... | ... | ... | ... | |
| | Kharar ... | 1·85 | ... | 0·72 | ... | ... | ... | ... | |
| | Rúpar ... | 1·81 | ... | 0·72 | ... | ... | ... | ... | |
| | Kotra (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Baniki (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli ... | 3·08 | ... | 1·63 | ... | ... | ... | ... | Condition of crop bad which is due to want of rain. Health of people good. |
| | Barauli ... | 2·06 | ... | 0·80 | ... | ... | ... | ... | |
| | **Simla** ... | **2·69** | ... | **0·96** | ... | ... | ... | ... | |
| | Kot Khái ... | 2·51 | ... | 0·89 | ... | ... | ... | ... | |
| | Kotgarh ... | 2·60 | ... | 0·80 | ... | ... | ... | ... | |
| | Kilba ... | 9·46 | ... | 1·73 | ... | ... | ... | ... | |
| Kangra. | Plách ... | 2·22 | ... | 0·92 | ... | ... | ... | ... | Rabi sowings finished in the irrigated parts of the district, but much of the unirrigated part is uncultivated for want of rain. Health of people is good throughout the district. |
| | Kulu ... | 2·27 | ... | 0·96 | ... | 0·1 | ... | 0·1 | |
| | Nagar ... | 4·12 | ... | 0·83 | ... | ... | ... | ... | |
| | Pálampur ... | 3·52 | ... | 1·91 | ... | ... | ... | ... | |
| | Hamírpur ... | 1·99 | ... | 1·13 | ... | ... | ... | ... | |
| | Dera ... | 2·34 | ... | 1·33 | ... | ... | ... | ... | |
| | Kángra ... | 2·43 | ... | 1·40 | ... | ... | ... | ... | |
| | **Dharmsala** ... | **4·14** | ... | **2·17** | ... | **0·1** | ... | **0·1** | |
| | Núrpur ... | 3·00 | ... | 1·67 | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya ... | 1·77 | ... | 1·35 | ... | ... | ... | ... | Rain very much wanted. Health of the people is generally good. |
| | Una ... | 1·94 | ... | 1·41 | ... | ... | ... | ... | |
| | Garhshankar ... | 1·92 | ... | 1·50 | ... | ... | ... | ... | |
| | **Sadr Station** ... | **1·56** | ... | **1·15** | ... | ... | ... | ... | |
| | Hoshiárpur ... | 1·56 | ... | 1·15 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | **1·12** | ... | **0·53** | ... | ... | ... | ... | Rabi crops good on irrigated lands; rain much wanted for crops on unirrigated lands. Health of people is good. |
| | Nakodar ... | 1·17 | ... | 0·59 | ... | ... | ... | ... | |
| | Phillour ... | 1·39 | ... | 0·77 | ... | ... | ... | ... | |
| | Nawashahr ... | 1·48 | ... | 0·79 | ... | ... | ... | ... | |
| Ludhiana. | Samrála ... | 2·42 | ... | 0·85 | ... | ... | ... | ... | Rain much wanted; prospects of the Rabi crop look bad for want of rain. Health of people good. |
| | **Ludhiana** ... | **2·13** | ... | **0·84** | ... | ... | ... | ... | |
| | Jagraon ... | 1·69 | ... | 0·70 | ... | ... | ... | ... | |
| Ferozepore. | Moga ... | 1·14 | ... | 0·54 | ... | ... | ... | ... | The crop prospects are looking gloomy owing to the continued absence of rain. The health of the people is fair. There was sufficient water in the Sirhind Canal. |
| | Zíra ... | 1·28 | ... | 0·60 | ... | ... | ... | ... | |
| | **Ferozepore** ... | **1·16** | ... | **0·50** | ... | ... | ... | ... | |
| | Ferozepore city ... | 1·16 | ... | 0·50 | ... | ... | ... | ... | |
| | Muktsar ... | 0·68 | ... | 0·33 | ... | ... | ... | ... | |
| | Fázilka ... | 0·74 | ... | 0·44 | ... | ... | ... | ... | |
| | Nathána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh (c) ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 0·28 | ... | 0·18 | ... | ... | ... | ... | Condition of crops good. |
| | Lodhrán ... | 0·40 | ... | 0·23 | ... | ... | ... | ... | |
| | Shujabad ... | 0·46 | ... | 0·27 | ... | ... | ... | ... | |
| | **Mooltan** ... | **0·43** | ... | **0·26** | ... | ... | ... | ... | |
| | Kabírwála ... | 0·43 | ... | 0·25 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 0·56 | ... | 0·32 | ... | ... | ... | ... | Rabi sowings still in progress. Rain wanted. Health of people good. |
| | **Jhang** ... | **0·60** | ... | **0·35** | ... | ... | ... | ... | |
| | Chiniot ... | 0·76 | ... | 0·42 | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 0·38 | ... | 0·20 | ... | ... | ... | ... | The condition of the spring crops is good. But rain is wanted. People are healthy. |
| | **Montgomery** ... | **0·51** | ... | **0·26** | ... | ... | ... | ... | |
| | Pákpattan ... | 0·38 | ... | 0·23 | ... | ... | ... | ... | |
| | Dipálpur ... | 0·38 | ... | 0·24 | ... | ... | ... | ... | |
| Lahore. | Van (*c*) ... | 0·74 | ... | 0·36 | ... | ... | ... | ... | No rain during the month. Rain was badly needed for all crops. Wheat sowings are over for this year; they were much less extended than usual owing to the drought. Health of people good. |
| | Chunián ... | 1·07 | ... | 0·42 | ... | ... | ... | ... | |
| | Kasúr ... | 1·02 | ... | 0·44 | ... | ... | ... | ... | |
| | Pambe (*c*) ... | 0·86 | ... | 0·45 | ... | ... | ... | ... | |
| | Sharakpur ... | 0·83 | ... | 0·38 | ... | ... | ... | ... | |
| | Niáz Beg (*c*) ... | 1·16 | ... | 0·61 | ... | ... | ... | ... | |
| | **Lahore** ... | **1·16** | ... | **0·47** | ... | ... | ... | ... | |
| | Meean Meer (*c*) ... | 1·49 | ... | 0·71 | ... | ... | ... | ... | |
| | Manihála (*c*) ... | 1·01 | ... | 0·43 | ... | ... | ... | ... | |
| | Dafthu (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar (*c*) ... | 0·85 | ... | 0·51 | ... | ... | ... | ... | Crops in good condition, but rain very much wanted. No complaints of canal working. |
| | Khara (*c*) ... | 0·61 | ... | 0·36 | ... | ... | ... | ... | |
| | Tarn Táran ... | 1·22 | ... | 0·64 | ... | ... | ... | ... | |
| | Raya (*c*) ... | 1·01 | ... | 0·65 | ... | ... | ... | ... | |
| | Jandiála (*c*) ... | 1·26 | ... | 0·62 | ... | ... | ... | ... | |
| | Jail Hospital ... | 1·43 | ... | 0·68 | ... | ... | ... | ... | |
| | **Amritsar Tahsil** ... | **1·43** | ... | **0·68** | ... | ... | ... | ... | |
| | Amritsar (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Baggeh (*c*) ... | 0·89 | ... | 0·34 | ... | ... | ... | ... | |
| | Ajnála ... | 1·12 | ... | 0·60 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889 –(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Gurdaspur. | Aliwál (*c*) ... | 1·43 | ... | 0·69 | ... | ... | ... | ... | Rabi crops in good condition. Health of people good. Rain wanted. |
| | Batála ... | 1·60 | ... | 0·92 | ... | ... | ... | ... | |
| | Kaler (*c*) ... | 1·98 | ... | 1·16 | ... | ... | ... | ... | |
| | Tibri (*c*) ... | 1·96 | ... | 1·22 | ... | ... | ... | ... | |
| | **Gurdaspur** ... | **1·74** | ... | **0·93** | ... | **0·1** | ... | **0·1** | |
| | Bhimpur (*c*) ... | 2·59 | ... | 1·60 | ... | 0·1 | ... | 0·1 | |
| | Pathánkot ... | 2·34 | ... | 1·33 | ... | 0·3 | ... | 0·3 | |
| | Dalhousie ... | 3·30 | ... | 1·79 | ... | 0·8 | ... | 0·8 | |
| | Mádhopur (*c*) ... | 2·64 | ... | 1·66 | ... | 0·8 | ... | 0·8 | |
| | Shakargarh ... | 2·32 | ... | 1·26 | ... | ... | ... | ... | |
| Sialkot. | Zafarwál ... | 1·90 | ... | 0·92 | ... | ... | ... | ... | No rain. Rabi sowings practically finished. Rain much wanted. Health of people good. Dry fodder sufficient. |
| | Pasrúr ... | 1·65 | ... | 0·78 | ... | ... | ... | ... | |
| | Raya ... | 1·09 | ... | 0·55 | ... | ... | ... | ... | |
| | Daska ... | 1·54 | ... | 0·71 | ... | ... | ... | ... | |
| | **Sialkot** ... | **1·82** | ... | **0·82** | ... | ... | ... | ... | |
| Gujrat. | **Sadr** ... | **1·55** | ... | **0·70** | ... | ... | ... | ... | No rain during the month. Rain urgently required. Health of people good. No floods from hill torrents. |
| | Gujrát ... | 1·55 | ... | 0·70 | ... | ... | ... | ... | |
| | Khárián ... | 1·77 | ... | 0·76 | ... | ... | ... | ... | |
| | Phália ... | 1·11 | ... | 0·51 | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 0.69 | ... | 0·20 | ... | ... | ... | ... | The kharíf has been reaped all over the district, and sugarcane which suffered somewhat from "tala" in Wazirabad is now being pressed. Rabi sowings have been completed all over the district except in the canal tract of the Háfizabad Tahsíl. The canal began to flow early in December and barley is being largely sown up to date. The rabi crop is so far in good condition, but will suffer from drought unless rain falls at an early date. Fodder is rather scarce in Wazirabad and part of Gujránwála, but is plentiful over the rest of the district. |
| | Wazirabad ... | 1·63 | ... | 0·67 | ... | ... | ... | ... | |
| | **Sadr Kacheri** ... | **1·47** | ... | **0·61** | ... | ... | ... | ... | |
| | Shekhupura ... | 0·70 | ... | 0·33 | ... | ... | ... | ... | |
| | Háfizabad ... | 1·15 | ... | 0·56 | ... | ... | ... | ... | |
| | Meluana (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 0·49 | ... | ... | ... | ... | ... | ... | The rabi crop is still promising, but rain is now badly wanted. Prices are rising. Fodder is plentiful. |
| | Sahiwál ... | 0·74 | ... | 0·17 | ... | ... | ... | ... | |
| | Núrpur ... | 0·23 | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 0·58 | ... | 0·27 | ... | ... | ... | ... | |
| | Sakesar ... | 0·42 | ... | 0·22 | ... | ... | ... | ... | |
| | Naushahra ... | 0·80 | ... | 0·10 | ... | ... | ... | ... | |
| | Khusháb ... | 0·58 | ... | 0·26 | ... | ... | ... | ... | |
| | **Shahpur** ... | **0·82** | ... | **0·40** | ... | ... | ... | ... | |
| | Bhera ... | 0·80 | ... | 0·34 | ... | ... | ... | ... | |
| | Miáni ... | 1·13 | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan ... | 1·15 | ... | 0·49 | ... | ... | ... | ... | No rain during the month under report. Rabi crops are good, but rain is much needed. No floods during the month. |
| | **Sadr Station** ... | **1·70** | ... | **0·78** | ... | ... | ... | ... | |
| | Chakwál ... | 1·14 | ... | 0·47 | ... | ... | ... | ... | |
| | Talagang ... | 1·26 | ... | 0·55 | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb ... | 1·56 | ... | 0·64 | ... | ... | ... | ... | Rabi prospects average; rain much wanted. Health good. |
| | Fatahjang ... | 1·50 | ... | 0·53 | ... | ... | ... | ... | |
| | Attock ... | 0·70 | ... | 0·13 | ... | ... | ... | ... | |
| | **Rawalpindi** ... | **2·55** | ... | **1·08** | ... | ... | ... | ... | |
| | Gujar Khan ... | 3·27 | ... | 0·37 | ... | ... | ... | ... | |
| | Kahúta ... | 2·89 | ... | 0·60 | ... | ... | ... | ... | |
| | Murree ... | 5·20 | ... | 1·02 | 0·6 | 0·6 | ... | 0·6 | |
| Hazara. | **Abbott-abad** ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Mansáhra ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur ... | ... | ... | ... | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 1·68 | ... | 0·60 | ... | ... | ... | ... | Rabi sowings on irrigated lands completed; their condition is fair. It is only in the Utman Bolak Tahsíl that unirrigated lands have been sown with wheat and barley to any extent. They will suffer if it does not rain during January 1890. Owing to the failure of rain the unirrigated lands of the other tahsíls remain untouched. Fodder sufficient except in the hilly tracts of the Nowshera Tahsíl. Usual supply of water in canals. |
| | Lahore (Utmán Bolak) | 2·02 | ... | 0·80 | ... | ... | ... | ... | |
| | Naushahra ... | 1·98 | ... | 0·75 | ... | ... | ... | ... | |
| | Mardán ... | 2·49 | ... | 0·94 | ... | ... | ... | ... | |
| | Katlang ... | 2·06 | ... | 0·70 | ... | 0·1 | ... | 0·1 | |
| | Hashtnagar ... | 1·68 | ... | 0·57 | ... | ... | ... | ... | |
| | Doáb Daudzai ... | 1·76 | ... | 0·62 | ... | ... | ... | ... | |
| | **Peshawar** ... | **1·47** | ... | **0·59** | ... | ... | ... | ... | |
| Kohat | **Kohat** ... | **2·00** | ... | **0·54** | ... | ... | ... | ... | There has been no rain since September last and the rabi sowings on unirrigated lands in the Kohát and Hangu Tahsíls have therefore been much limited. These sowings on the irrigated lands in the above tahsíls and unirrigated lands in the Barak Tappa have however been good, but the water in Toi and springs is now running short owing to the holding off of rain for the last 4 months. Grass is however getting scarce. |
| | Hangu ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | ... | ... | ... | 0·1 | 0·1 | ... | 0·1 | |
| Bannu. | Miánwáli ... | 0·64 | ... | 0·28 | ... | ... | ... | ... | Sowing of rabi crop is nearly completed. Rain is badly wanted. Prices of grain stationery: wheat 27 seers a rupee. Canals working well. |
| | Isa Khel ... | 0·78 | ... | 0·27 | ... | ... | ... | ... | |
| | **Bannu** ... | **0·81** | ... | **0·38** | ... | ... | ... | ... | |
| | Marwat ... | 0·95 | ... | 0·44 | ... | ... | ... | ... | |

**AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1889—(concluded).**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 0·10 | ... | ... | ... | ... | ... | ... | No rain. Prospects of rabi harvest good. Rain wanted. Fodder supply average. |
| | Kuláchi ... | 0·53 | ... | 0·30 | ... | ... | ... | ... | |
| | **Dera I. Khan** ... | **0·60** | ... | **0·34** | ... | ... | ... | ... | |
| | Bhakkar ... | 1·37 | ... | 0·26 | ... | ... | ... | ... | |
| | Leiah ... | 0·38 | ... | 0·22 | ... | ... | ... | ... | |
| D. G. Khan. | Sangarh ... | 0·33 | ... | 0·21 | ... | ... | ... | ... | Kharíf crop nearly harvested. Rabi sowings extensive and prospects good. Health of people good. No floods from hill torrents. Canals do not work during winter. |
| | **Dera G. Khan** ... | **0·48** | ... | **0·30** | ... | ... | ... | ... | |
| | Fort Munro ... | 0·17 | ... | ... | ... | ... | ... | ... | |
| | Jámpur ... | 0·96 | ... | 0·19 | ... | ... | ... | ... | |
| | Rájanpur ... | 0·83 | ... | 0·51 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 0·74 | ... | 0·49 | ... | ... | ... | ... | Rain is much wanted. Condition of crops good. |
| | **Muzaffargarh** ... | **0·44** | ... | **0·29** | ... | ... | ... | ... | |
| | Sinánwán ... | 0·34 | ... | 0·22 | ... | ... | ... | ... | |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## RAIN RETURNS, PUNJAB.

**Weekly Rain Report for the week ending 5th January 1890.**

Memo.—There has been no rainfall of importance. Every return received is blank, except a fall of 0·2 at Murree (Ráwalpindi District) on 30th December 1889.

Dust storm at Pesháwar on 1st January 1890.

Returns not received from Karnál and Kohát Districts.

PESTONJI, *Superintendent,*

*Office of Director of Land Records and Agriculture, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during December 1889. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| PERENNIAL CANALS. | | | | |
| Swat River Canal | 6·0 | 4·1 | 720 | 392 |
| Total Swat River Canal | ... | ... | 720 | 392 |
| Corresponding period of last year | ... | ... | 720 | 235 |
| WESTERN JUMNA CANAL. | | | | |
| Main Line Rájbahas | ... | ... | 2,546 | 170 |
| Hánsi Branch | 7·00 | ... | | 860 |
| Delhi Branch | 7·00 | ... | | 824 |
| Passed through Escapes | ... | ... | | 577 |
| Loss by absorption | ... | ... | | |
| Total Western Jumna Canal | ... | ... | 2,546 | 2,431 |
| Corresponding period of last year | ... | ... | 2,546 | 1,979 |
| BARI DOAB CANAL. | | | | |
| 1st Division | 4·9 | 3·54 | 3,074 | 584 |
| 2nd " Main Branch Lower | 4·6 | 4·04 | | 711 |
| " " Lahore Branch | 3·0 | 3·04 | | 254 |
| Passed through Escapes | ... | ... | ... | 2 |
| Total Bári Doáb Canal | ... | ... | 3,074 | 1,551 |
| Corresponding period of last year | ... | ... | 3,074 | 1,836 |
| SIRHIND CANAL. | | | | |
| Main Line | 5·92 | 7·30 | 3,000 | 4,214 |
| Abohar Branch | 4·12 | 5·4 | 1,020 | 1,554 |
| Bhatinda Branch | 4·84 | 5·4 | 900 | 1,119 |
| Feeders | 5·29 | 6·2 | 1,080 | 1,437 |
| British Escapes | ... | ... | ... | 104 |
| Total Sirhind Canal | ... | ... | 3,000 | 4,214 |
| Corresponding period of last year | ... | ... | 3,000 | 4,379 |
| *Total Perennial Canals* | ... | ... | ... | ... |
| *Corresponding period of last year* | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohág Canal | ... | ... | ... | ... |
| Corresponding period of last year | ... | ... | ... | ... |
| Sidhnai Canal | 6 | ... | 1,072 | ... |
| Corresponding period of last year | 6 | ... | 1,072 | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1889-90 *up to* 31*st December* 1889.

| LAND IRRIGATED (APPROXIMATE). | | RAINFALL. | | | CHIEF CROPS (APPROXIMATE). | | |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | REMARKS. |
| | | | | | Wheat ... | 2,018 | The measurements under the girdáwari system being tried have only just commenced and will now continue without intermission till all is measured. The demand has been good and the amount of irrigation considerable, though probably a good deal short of last year, which was exceptionally good. |
| | | | | | Barley ... | 1,029 | |
| | | | | | Mixed-grain | 507 | |
| Pesháwar ... | 3,592 | 9 | 0·35 | ... | Miscellaneous | 38 | |
| ... | 3,592 | ... | ... | ... | ... | 3,592 | |
| ... | 38,219 | ... | ... | ... | ... | 38,219 | |
| Umballa ... | 535 | 20 | 0·67 | ... | Wheat ... | 109,172 | The river Jumna afforded ample supply. The Hathnikund gauge was well maintained. Increase in irrigation is due to no rain having fallen |
| Karnál ... | 44,827 | | 0·50 | ... | Barley ... | 1,350 | |
| Rohtak ... | 42,514 | | 0·56 | ... | Mixed-grain | 14.426 | |
| Delhi ... | 26.789 | | 0·46 | ... | Others ... | 26,834 | |
| Hissar ... | 36,592 | | 0·60 | ... | | | |
| Bíkaner ... | 190 | ... | ... | ... | | | |
| Kalsia ... | 335 | ... | ... | ... | | | |
| ... | 151,782 | ... | ... | ... | ... | 151,782 | |
| ... | 49,161 | ... | ... | ... | ... | 49,161 | |
| Gurdáspur ... | 8.606 | 11 | 0·74 | ... | Wheat ... | 153,313 | The Bári Doáb Canal ran during the whole month and the whole of the water in the Ravi was used, but the supply was abnormally small, and quite insufficient to meet the demand. There was, however, an increase of irrigation of 21,521 acres over the area of last December, and of 14,855 acres over the area of December 1885, hitherto the "best on record." |
| Amritsar ... | 104.486 | 8 | 0·31 | ... | Barley ... | 1,974 | |
| Lahore ... | 177,013 | 8 | 0·27 | ... | Mixed-grain | 7,418 | |
| | | | | | Miscellaneous | 127,400 | |
| ... | 290,105 | ... | ... | ... | ... | 290,105 | |
| ... | 268,584 | ... | ... | ... | ... | 268,584 | |
| Ludhiána ... | 42,826 | 8 | 0·47 | ... | Wheat ... | 179,229 | The discharge of the Sutlej at Rúpar was 4,660 cubic feet on the 6th December 1889. The demand during the month was very keen. The increase of 75,988 acres as compared with the irrigation of the corresponding period of the preceding year is most satisfactory. |
| Ferozepore ... | 203,078 | ... | ... | ... | Barley ... | 4.663 | |
| Hissar ... | 768 | 8 | 0·61 | ... | Mixed-grain | 2,162 | |
| Patiála ... | 37,255 | ... | ... | ... | Others ... | 166,199 | |
| Nábha ... | 16.548 | ... | ... | ... | | | |
| Farídkot ... | 49,007 | ... | ... | ... | | | |
| Jínd ... | 667 | ... | ... | ... | | | |
| Kalsia ... | 2,104 | ... | | | | | |
| ... | 352,253 | ... | ... | ... | ... | 352,253 | |
| ... | 276,265 | ... | ... | ... | ... | 276,265 | |
| ... | 797,732 | ... | ... | ... | ... | 797,732 | |
| ... | 632,229 | ... | ... | ... | ... | 632,229 | |
| Montgomery ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 25,459 | ... | ... | ... | ... | 25,459 | |
| | | | | | Wheat ... | 31,645 | The return for this crop remains as last month. The wheat looks well, but would be much benefited by a fall of rain. |
| | | | | | Barley ... | 73 | |
| | | | | | Miscellaneous | 3,842 | |
| Mooltan ... | 35,560 | ... | ... | ... | | 35,560 | |
| ... | 42,775 | ... | ... | ... | ... | 42,775 | |

*Irrigation Operations of Fasl Rabi*

| Canal Division. | | | | | Water distributed during December 1889. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|---|---|---|---|
| **INUNDATION CANALS—concluded.** | | | | | | | | |
| **Chenab Canal** | ... | ... | ... | ... | 7·0 | 2·61 | 1,800 | 356·2 |
| Corresponding period of last year | | | | ... | ... | ... | 1,800 | 338 |
| Upper Sutlej Canals | ... | ... | ... | ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals | | ... | ... | ... | ... | ... | ... | ... |
| Indus Canals ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Muzaffargarh ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Total Inundation Canals* | | | | ... | ... | ... | ... | ... |
| *Corresponding period of last year* | | | | ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | | | | | |
| Perennial Canals. | | | | | | | | |
| Swat River Canal | ... | ... | ... | ... | ... | ... | ... | ... |
| Western Jumna Canal | ... | ... | ... | ... | ... | ... | ... | ... |
| Bári Doáb Canal | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirhind Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total Perennial Canals | | | | ... | ... | ... | ... | ... |
| Inundation Canals. | | | | | | | | |
| Lower Sohág Canal | ... | ... | ... | ... | ... | ... | ... | ... |
| Sidhnai Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chenab Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Upper Sutlej ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab ... | | ... | ... | ... | ... | ... | ... | ... |
| Indus ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Muzaffargarh ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total Inundation Canals | | | | ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals | | | | ... | ... | ... | ... | ... |
| Corresponding period of last year | | | | ... | ... | ... | ... | ... |

Lahore:
*The 13th January* 1890.

*of* 1889-90 *up to* 31*st December* 1889—concluded.

| Land irrigated (approximate). | | Rainfall. | | | Chief crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Gujránwála ... | 5,564 | 6 | 0·10 | ... | Wheat ...<br>Barley ...<br>Mixed-grain...<br>Miscellaneous | 3,288<br>730<br>92<br>1,454 | The supply has been good since the channel was bunded. It was not till the 14th that the benefit of the good supply was felt; since then irrigation has been going on rapidly and it is probable that the crop will be at least 15,000 acres which though poor compared with last year is good under the circumstances. The river has never been nearly as low as this year. |
| | | | | | | 5,564 | |
| ... | 15,234 | ... | ... | ... | ... | 15,234 | |
| Lahore ... | 19,743 | ... | ... | ... | ... | 19,743 | |
| Montgomery... | 35,551 | 8 | 0·11 | ... | ... | 35,551 | |
| Mooltan ... | 248,912 | 26 | 0·17 | ... | ... | 248,912 | |
| Dera Ghází Khan | 40,292 | 10 | 0·03 | ... | ... | 40,292 | |
| Muzaffargarh ... | 157,239 | ... | ... | ... | ... | 157,239 | |
| ... | 568,230 | ... | ... | ... | ... | 568,230 | On the Inundation Canals there is an increase of 62,359 acres as compared with the corresponding period of last year. |
| ... | 505,871 | ... | ... | ... | ... | 505,871 | |
| ... | 3,592 | ... | ... | ... | ... | 3,592 | |
| ... | 151,782 | ... | ... | ... | ... | 151,782 | |
| ... | 290,105 | ... | ... | ... | ... | 290,105 | |
| ... | 352,253 | ... | ... | ... | ... | 352,253 | |
| ... | 797,732 | ... | ... | ... | ... | 797,732 | |
| ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 35.560 | ... | ... | ... | ... | 35,560 | |
| ... | 5,564 | ... | ... | ... | ... | 5,564 | |
| ... | 55,294 | ... | ... | ... | ... | 55,294 | |
| ... | 248,912 | ... | ... | ... | ... | 248,912 | |
| ... | 40,292 | ... | ... | ... | ... | 40,292 | |
| ... | 157,239 | ... | ... | ... | ... | 157,239 | |
| ... | 568,230 | ... | ... | ... | ... | 568,230 | |
| ... | 1,365,962 | ... | ... | ... | ... | 1,365,962 | |
| ... | 1,138,100 | ... | ... | ... | ... | 1,138,100 | |

GOOR SAHOY,

*Assistant Secretary to Government, Punjab,*

*P. W. D.*

MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | CAUSE — Cholera. Males. | Cholera. Females. | Cholera. Total. | Small-pox. Children under one year. Males. | Small-pox. Children under one year. Females. | Small-pox. One to under 12 years. Males. | Small-pox. One to under 12 years. Females. | Small-pox. Twelve and over 12 years. Males. | Small-pox. Twelve and over 12 years. Females. | Total of Small-pox. | Fevers. Males. | Fevers. Females. | Fevers. Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 660,648 | 2,659 | 1,364 | 49 | 25 | ... | ... | ... | 3 | ... | ... | 2 | ... | ... | 5 | 618 | 447 | 1,065 |
| 2 | Rohtak ... | 553,609 | 2,689 | 1,477 | 59 | 32 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 632 | 504 | 1,136 |
| 3 | Gurgaon ... | 641,848 | 3,011 | 2,360 | 57 | 45 | ... | ... | ... | 2 | ... | 8 | 5 | ... | ... | 15 | 939 | 812 | 1,751 |
| 4 | Delhi ... | 643,515 | 3,144 | 2.690 | 59 | 51 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 850 | 931 | 1,781 |
| 5 | Karnál ... | 622,621 | 3,041 | 2,267 | 59 | 44 | ... | ... | ... | 2 | 3 | 14 | 8 | ... | ... | 27 | 808 | 782 | 1,590 |
| 6 | Umballa ... | 1,067,263 | 3,628 | 3,102 | 41 | 35 | 1 | ... | 1 | 6 | ... | 7 | 7 | 3 | 2 | 25 | 1,291 | 1,187 | 2,478 |
| 7 | Simla ... | 42,945 | 67 | 66 | 19 | 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 7 | 29 |
| 8 | Kángra ... | 730,845 | 2,563 | 1.876 | 43 | 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 633 | 616 | 1,249 |
| 9 | Hoshiárpur | 901,381 | 3,795 | 2.724 | 51 | 37 | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | 3 | 977 | 987 | 1,964 |
| 10 | Jullundur... | 789,555 | 3,881 | 2,746 | 60 | 42 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | 952 | 993 | 1,945 |
| 11 | Ludhiána ... | 618,835 | 2,572 | 2,145 | 51 | 42 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 860 | 779 | 1,639 |
| 12 | Ferozepore | 747,329 | 3,594 | 3,790 | 59 | 62 | ... | ... | ... | ... | 2 | 1 | ... | ... | ... | 3 | 1,615 | 1,490 | 3,105 |
| 13 | Mooltan ... | 551,964 | 2,319 | 2,428 | 51 | 54 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 878 | 882 | 1,760 |
| 14 | Jhang ... | 395,296 | 1,605 | 1,097 | 49 | 34 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 354 | 347 | 701 |
| 15 | Montgomery | 426,529 | 1,970 | 1,611 | 56 | 46 | ... | ... | ... | 1 | 1 | 1 | 6 | ... | 1 | 10 | 541 | 500 | 1,041 |
| 16 | Lahore ... | 924,106 | 4,612 | 4.658 | 61 | 61 | ... | ... | ... | 5 | 2 | 1 | 2 | ... | 1 | 11 | 1,758 | 1,735 | 3,493 |
| 17 | Amritsar ... | 893,266 | 4,612 | 4.170 | 63 | 57 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | 3 | 1,483 | 1,357 | 2,840 |
| 18 | Gurdáspur | 823,695 | 4,317 | 3.074 | 64 | 45 | ... | ... | ... | ... | 1 | 3 | 2 | ... | ... | 6 | 1,068 | 1,050 | 2,118 |
| 19 | Siálkot ... | 1,012,148 | 5,248 | 3,710 | 63 | 45 | ... | ... | ... | 8 | 8 | 18 | 7 | ... | 1 | 42 | 1,350 | 1,291 | 2,641 |
| 20 | Gujrát ... | 689,115 | 2,634 | 3,240 | 47 | 57 | ... | ... | ... | 3 | 5 | 1 | 1 | ... | ... | 10 | 1,332 | 1,364 | 2,696 |
| 21 | Gujránwála | 616,892 | 3,476 | 4,353 | 69 | 86 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 2 | 2,006 | 1,834 | 3,840 |
| 22 | Shahpur ... | 421,508 | 1,740 | 1,599 | 50 | 46 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 636 | 652 | 1.288 |
| 23 | Jhelum ... | 589,373 | 2,158 | 5,422 | 45 | 112 | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | 2 | 2,279 | 2,573 | 4,852 |
| 24 | Ráwalpindi | 820,512 | 2,891 | 6.549 | 43 | 97 | ... | ... | ... | 3 | 2 | 1 | ... | ... | ... | 6 | 2,859 | 3,060 | 5,919 |
| 25 | Hazára ... | 407,075 | 1,144 | 1,274 | 34 | 38 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 549 | 599 | 1,148 |
| 26 | Pesháwar ... | 592,674 | 842 | 1,858 | 17 | 38 | ... | ... | ... | 16 | 12 | 80 | 70 | 1 | ... | 179 | 771 | 772 | 1,543 |
| 27 | Kohát ... | 181,540 | 381 | 776 | 26 | 52 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 365 | 357 | 722 |
| 28 | Bannu ... | 332,577 | 951 | 2,927 | 35 | 107 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,496 | 1,349 | 2,845 |
| 29 | D. I. Khan | 441,649 | 1,069 | 2,280 | 29 | 63 | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | 3 | 1,105 | 929 | 2,034 |
| 30 | D. G. Khan | 363,346 | 799 | 786 | 27 | 26 | 15 | 7 | 22 | ... | ... | ... | 1 | ... | ... | 1 | 407 | 301 | 708 |
| 31 | Muzaffargarh | 338,605 | 1,204 | 1,423 | 43 | 51 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 733 | 659 | 1,392 |
| | Total ... | 18,842,264 | 78,616 | 79,842 | 51 | 52 | 16 | 7 | 23 | 50 | 39 | 138 | 118 | 5 | 6 | 356 | 32,167 | 31,146 | 63,313 |
| | Total in previous month ... | ... | 82,078 | 72,618 | 51 | 45 | 37 | 24 | 61 | 20 | 19 | 74 | 57 | 6 | 9 | 185 | 27,994 | 27,809 | 55,803 |
| | Total in same month of past year ... | ... | 74,591 | 62,828 | 48 | 41 | 140 | 97 | 237 | 87 | 92 | 224 | 233 | 10 | 20 | 666 | 23,959 | 23,202 | 47,161 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 11th January 1890.*

THE MONTH OF NOVEMBER 1889.

*the Punjab during the month of November 1889.*

OF DEATH.

| *Bowel complaints.* | | | INJURIES. | | | | | | | | | | | | *All other causes.* | | | TOTAL DEATHS FROM ALL CAUSES. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Suicide.* | | | *Wounding.* | | | *Accidents.* | | | *Snake-bite and killed by wild beasts.* | | | | | | | | |
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 30 | 24 | 54 | 1 | ... | 1 | 1 | ... | 1 | 3 | 1 | 4 | 1 | ... | 1 | 120 | 113 | 233 | 777 | 587 | 1,364 |
| 18 | 10 | 28 | ... | ... | ... | ... | ... | ... | 2 | 3 | 5 | ... | 2 | 2 | 172 | 134 | 306 | 824 | 653 | 1,477 |
| 91 | 67 | 158 | 3 | 2 | 5 | ... | ... | ... | 6 | 3 | 9 | ... | ... | ... | 226 | 196 | 422 | 1,275 | 1,085 | 2,360 |
| 73 | 77 | 150 | ... | 1 | 1 | ... | ... | ... | 5 | 4 | 9 | ... | ... | ... | 408 | 341 | 749 | 1,336 | 1,354 | 2,690 |
| 33 | 32 | 65 | ... | 1 | 1 | ... | 1 | 1 | 3 | 4 | 7 | 1 | 1 | 2 | 313 | 261 | 574 | 1,174 | 1,093 | 2,267 |
| 44 | 27 | 71 | ... | ... | ... | ... | 1 | 1 | 10 | 3 | 13 | ... | .. | ... | 270 | 243 | 513 | 1,632 | 1,470 | 3,102 |
| 5 | 4 | 9 | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | ... | ... | ... | 16 | 10 | 26 | 44 | 22 | 66 |
| 51 | 47 | 98 | ... | 1 | 1 | 2 | 1 | 3 | 7 | 4 | 11 | ... | ... | ... | 231 | 283 | 514 | 924 | 952 | 1.876 |
| 49 | 30 | 79 | 1 | 1 | 2 | 1 | ... | 1 | 6 | 7 | 13 | ... | 1 | 1 | 379 | 282 | 661 | 1,414 | 1,310 | 2,724 |
| 26 | 22 | 48 | ... | ... | ... | ... | ... | ... | 2 | 4 | 6 | ... | 1 | 1 | 358 | 387 | 745 | 1,338 | 1,408 | 2,746 |
| 20 | 9 | 29 | ... | 1 | 1 | 2 | ... | 2 | 1 | 3 | 4 | ... | ... | ... | 231 | 239 | 470 | 1,114 | 1,031 | 2,145 |
| 34 | 27 | 61 | ... | ... | ... | 1 | ... | 1 | 1 | 2 | 3 | ... | ... | ... | 327 | 290 | 617 | 1,979 | 1,811 | 3.790 |
| 52 | 31 | 83 | ... | 1 | 1 | ... | ... | ... | 8 | 5 | 13 | ... | ... | ... | 277 | 294 | 571 | 1,215 | 1,213 | 2,428 |
| 16 | 7 | 23 | ... | ... | ... | ... | ... | ... | 8 | 1 | 9 | 1 | ... | 1 | 191 | 172 | 363 | 570 | 527 | 1,097 |
| 8 | 3 | 11 | 1 | ... | 1 | 2 | ... | 2 | 2 | ... | 2 | 1 | ... | 1 | 273 | 270 | 543 | 830 | 781 | 1,611 |
| 56 | 31 | 87 | 1 | ... | 1 | ... | ... | ... | 5 | 5 | 10 | 4 | ... | 4 | 562 | 490 | 1,052 | 2,392 | 2,266 | 4,658 |
| 66 | 32 | 98 | ... | ... | ... | 4 | ... | 4 | 6 | 6 | 12 | ... | ... | ... | 586 | 627 | 1,213 | 2,145 | 2,025 | 4,170 |
| 42 | 30 | 72 | ... | 1 | 1 | ... | ... | ... | 8 | 3 | 11 | 2 | 1 | 3 | 470 | 393 | 863 | 1,593 | 1,481 | 3.074 |
| 78 | 42 | 120 | ... | ... | ... | 2 | ... | 2 | 6 | 2 | 8 | 1 | ... | 1 | 444 | 452 | 896 | 1,907 | 1,803 | 3,710 |
| 38 | 14 | 52 | ... | ... | ... | ... | ... | ... | 4 | ... | 4 | ... | ... | ... | 248 | 230 | 478 | 1,626 | 1,614 | 3,240 |
| 33 | 16 | 49 | ... | ... | ... | ... | ... | ... | 5 | 8 | 13 | 6 | 1 | 7 | 234 | 208 | 442 | 2,285 | 2,068 | 4,353 |
| 21 | 11 | 32 | ... | ... | ... | ... | 1 | 1 | 1 | 1 | 2 | 2 | ... | 2 | 154 | 120 | 274 | 814 | 785 | 1,599 |
| 70 | 74 | 144 | ... | 1 | 1 | 3 | ... | 3 | 7 | 2 | 9 | 3 | ... | 3 | 210 | 198 | 408 | 2,572 | 2,850 | 5,422 |
| 91 | 64 | 155 | ... | ... | ... | 4 | ... | 4 | 8 | 6 | 14 | ... | ... | ... | 225 | 226 | 451 | 3,191 | 3,358 | 6,549 |
| 9 | 5 | 14 | ... | ... | ... | ... | ... | ... | 6 | 6 | 12 | ... | ... | ... | 51 | 48 | 99 | 616 | 658 | 1,274 |
| 18 | 7 | 25 | ... | ... | ... | 2 | ... | 2 | 3 | 3 | 6 | ... | ... | ... | 43 | 60 | 103 | 934 | 924 | 1,858 |
| 4 | ... | 4 | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 28 | 20 | 48 | 398 | 378 | 776 |
| 6 | 6 | 12 | ... | ... | ... | 2 | ... | 2 | 1 | ... | 1 | ... | ... | ... | 41 | 26 | 67 | 1,546 | 1,381 | 2,927 |
| 107 | 99 | 206 | ... | ... | ... | 1 | 2 | 3 | 2 | 1 | 3 | 1 | ... | 1 | 18 | 12 | 30 | 1,236 | 1,044 | 2,280 |
| 9 | 5 | 14 | ... | ... | ... | 1 | ... | 1 | 1 | ... | 1 | ... | ... | ... | 23 | 16 | 39 | 456 | 330 | 786 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 3 | ... | ... | ... | 12 | 16 | 28 | 747 | 676 | 1,423 |
| 1198 | 853 | 2051 | 7 | 10 | 17 | 28 | 6 | 34 | 131 | 89 | 220 | 23 | 7 | 30 | 7,141 | 6,657 | 13,798 | 40,904 | 38,938 | 79,842 |
| 1318 | 997 | 2315 | 10 | 18 | 28 | 18 | 14 | 32 | 120 | 98 | 218 | 61 | 21 | 82 | 7,178 | 6,716 | 13,894 | 36,836 | 35,782 | 72,618 |
| 1222 | 920 | 2142 | 7 | 15 | 22 | 17 | 4 | 21 | 121 | 78 | 199 | 24 | 2 | 26 | 6,329 | 6,025 | 12,354 | 32,140 | 30,688 | 62,828 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Seventy-eight thousand six hundred and sixteen births were registered in the Province during the month of November 1889, giving a birth-rate of 51 per mille of population. Of the total number of births, 42,067 were boys and 36,549 were girls.

The total number of deaths registered from all causes in the Province during the month of November 1889 was 79,842 against 72,618 in the previous month and 62,828 in the corresponding month of the past year, giving an annual death-rate of 52, 45 and 41 per mille of population per annum respectively. The increase of the death-rate from 45 in October to 52 per 1,000 in November is almost entirely due to the increased registered mortality from fevers, and the increase continues to show itself in the north-west of the Province and not in the Delhi Division. The principal increase in the registered mortality from fevers occurred in the Districts of Jhelum, Ráwalpindi and Bannu.

There were 23 deaths registered under the head of cholera against 61 in the previous month.

From small-pox 356 deaths were registered against 185 in the previous month and 666 in the corresponding month of the past year; fevers 63,313 against 55,803 and 47,161; bowel complaints 2,051 against 2,315 and 2,142.

During the month there were 17 deaths registered from suicide against 28 in the past month; wounding 34 against 32; accidents 220 against 218; snake-bite and killed by wild beasts 30 against 82; and from all other causes 13,798 against 13,894 and 12,354 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 11th January* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of November 1889.*

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 1,077 | 957 | 2,034 | 325 | 300 | 625 | ... | ... | ... | 1,402 | 1,257 | 2,659 | 49 |
| 2 | Rohtak ... | ... | ... | ... | 1,298 | 1,113 | 2,411 | 150 | 128 | 278 | ... | ... | ... | 1,448 | 1,241 | 2,689 | 59 |
| 3 | Gurgaon ... | ... | ... | ... | 1,124 | 989 | 2,113 | 493 | 405 | 898 | ... | ... | ... | 1,617 | 1,394 | 3,011 | 57 |
| 4 | Delhi ... | 4 | ... | 4 | 1,265 | 1,210 | 2,475 | 345 | 320 | 665 | ... | ... | ... | 1,614 | 1,530 | 3,144 | 59 |
| 5 | Karnál ... | ... | ... | ... | 1,199 | 1,071 | 2,270 | 404 | 367 | 771 | ... | ... | ... | 1,603 | 1,438 | 3,041 | 59 |
| 6 | Umballa ... | ... | ... | ... | 1,352 | 1,125 | 2,477 | 608 | 543 | 1,151 | ... | ... | ... | 1,960 | 1,668 | 3,628 | 41 |
| 7 | Simla ... | ... | ... | ... | 34 | 23 | 57 | 5 | 5 | 10 | ... | ... | ... | 39 | 28 | 67 | 19 |
| 8 | Kángra ... | ... | ... | ... | 1,273 | 1,160 | 2,433 | 70 | 60 | 130 | ... | ... | ... | 1,343 | 1,220 | 2,563 | 43 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,348 | 1,166 | 2,514 | 656 | 625 | 1,281 | ... | ... | ... | 2,004 | 1,791 | 3,795 | 51 |
| 10 | Jullundur ... | ... | ... | ... | 1,110 | 1,032 | 2,142 | 915 | 824 | 1,739 | ... | ... | ... | 2,025 | 1,856 | 3,881 | 60 |
| 11 | Ludhiána ... | 1 | ... | 1 | 872 | 796 | 1,668 | 476 | 427 | 903 | ... | ... | ... | 1,349 | 1,223 | 2,572 | 51 |
| 12 | Ferozepore ... | ... | ... | ... | 970 | 833 | 1,803 | 1,015 | 776 | 1,791 | ... | ... | ... | 1,985 | 1,609 | 3,594 | 59 |
| 13 | Mooltan ... | ... | ... | ... | 229 | 217 | 446 | 985 | 888 | 1,873 | ... | ... | ... | 1,214 | 1,165 | 2,319 | 51 |
| 14 | Jhang ... | ... | ... | ... | 180 | 146 | 326 | 684 | 595 | 1,279 | ... | ... | ... | 864 | 741 | 1,605 | 49 |
| 15 | Montgomery ... | ... | ... | ... | 237 | 213 | 450 | 826 | 694 | 1,520 | ... | ... | ... | 1,063 | 907 | 1,970 | 56 |
| 16 | Lahore ... | 1 | 1 | 2 | 689 | 572 | 1,261 | 1,785 | 1,564 | 3,349 | ... | ... | ... | 2,475 | 2,137 | 4,612 | 61 |
| 17 | Amritsar ... | 3 | 2 | 5 | 1,233 | 1,190 | 2,423 | 1,189 | 995 | 2,184 | ... | ... | ... | 2,425 | 2,187 | 4,612 | 63 |
| 18 | Gurdáspur ... | ... | ... | ... | 1,060 | 1,026 | 2,086 | 1,171 | 1,054 | 2,225 | 2 | 4 | 6 | 2,233 | 2,084 | 4,317 | 64 |
| 19 | Siálkot ... | 7 | 12 | 19 | 828 | 710 | 1,538 | 1,948 | 1,743 | 3,691 | ... | ... | ... | 2,783 | 2,465 | 5,248 | 63 |
| 20 | Gujrát ... | ... | ... | ... | 161 | 123 | 284 | 1,272 | 1,073 | 2,345 | ... | 5 | 5 | 1,433 | 1,201 | 2,634 | 47 |
| 21 | Gujránwála ... | ... | ... | ... | 403 | 362 | 765 | 1,471 | 1,240 | 2,711 | ... | ... | ... | 1,874 | 1,602 | 3,476 | 69 |
| 22 | Shahpur ... | ... | ... | ... | 130 | 123 | 253 | 800 | 685 | 1,485 | 1 | 1 | 2 | 931 | 809 | 1,740 | 50 |
| 23 | Jhelum ... | ... | ... | ... | 116 | 97 | 213 | 1,032 | 913 | 1,945 | ... | ... | ... | 1,148 | 1,010 | 2,158 | 45 |
| 24 | Ráwalpindi ... | ... | ... | ... | 126 | 124 | 250 | 1,455 | 1,181 | 2,636 | 4 | 1 | 5 | 1,585 | 1,306 | 2,891 | 43 |
| 25 | Hazára ... | ... | ... | ... | 23 | 20 | 43 | 625 | 476 | 1,101 | ... | ... | ... | 648 | 496 | 1,144 | 34 |
| 26 | Pesháwar ... | ... | ... | ... | 25 | 17 | 42 | 519 | 278 | 797 | 3 | ... | 3 | 547 | 295 | 842 | 17 |
| 27 | Kohát ... | ... | ... | ... | 8 | 4 | 12 | 197 | 172 | 369 | ... | ... | ... | 205 | 176 | 381 | 26 |
| 28 | Bannu ... | ... | ... | ... | 64 | 51 | 115 | 477 | 359 | 836 | ... | ... | ... | 541 | 410 | 951 | 35 |
| 29 | Dera Ismail Khan | ... | ... | ... | 110 | 76 | 186 | 509 | 374 | 883 | ... | ... | ... | 619 | 450 | 1,069 | 29 |
| 30 | Dera Gházi Khan | ... | ... | ... | 59 | 69 | 128 | 391 | 274 | 665 | 4 | 2 | 6 | 454 | 345 | 799 | 27 |
| 31 | Muzaffargarh ... | ... | ... | ... | 75 | 79 | 154 | 561 | 488 | 1,049 | ... | 1 | 1 | 636 | 568 | 1,204 | 43 |
| | Total ... | 16 | 15 | 31 | 18,678 | 16,694 | 35,372 | 23,359 | 19,826 | 43,185 | 14 | 14 | 28 | 42,067 | 36,549 | 78,616 | 51 |

Sanitary Commissioner's Office,
Lahore:
*The 11th January 1890.*

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 21st DECEMBER 1889.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 9 | 4 | 13 | 22 | 14 | 8 | ... | ... | 5 | 2 | ... | 15 | 4 | 3 | 7 | 48 | 61 |
| 2 | | Hansi ... | 12,656 | 8 | 12 | 20 | 19 | 7 | 12 | ... | ... | 19 | ... | ... | ... | ... | ... | ... | 82 | 78 |
| 3 | | Bhiwani ... | 33,762 | 18 | 13 | 31 | 32 | 16 | 16 | ... | ... | 15 | 2 | ... | 15 | 2 | 4 | 6 | 48 | 49 |
| 4 | | Sirsa ... | 12,292 | 10 | 5 | 15 | 6 | 4 | 2 | ... | ... | 5 | 1 | ... | ... | 3 | ... | 3 | 64 | 26 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 5 | 5 | 10 | 4 | 2 | 2 | ... | ... | 2 | 1 | ... | 1 | 1 | 2 | 3 | 33 | 13 |
| 6 | | Jhajjar ... | 11,650 | 6 | 3 | 9 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | 1 | 1 | 2 | 40 | 18 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 9 | 11 | 20 | 23 | 11 | 12 | ... | ... | 14 | 5 | ... | 4 | 1 | 2 | 3 | 43 | 49 |
| 8 | | Palwal ... | 10,635 | 5 | 7 | 12 | 13 | 4 | 9 | ... | ... | 6 | 2 | ... | 5 | 1 | 4 | 5 | 59 | 64 |
| 9 | Delhi ... | Delhi ... | 117,363 | 56 | 65 | 121 | 118 | 61 | 57 | ... | ... | 44 | 7 | ... | 67 | 20 | 14 | 34 | 54 | 52 |
| 10 | | " Suburbs ... | 52,882 | 18 | 16 | 34 | 28 | 18 | 10 | ... | ... | 17 | ... | ... | 11 | ... | 3 | 3 | 34 | 28 |
| 11 | | Sonepat ... | 13,077 | 8 | 4 | 12 | 9 | 1 | 8 | ... | ... | 7 | ... | ... | 2 | ... | 1 | 1 | 48 | 36 |
| 12 | Karnal ... | Karnal ... | 23,133 | 9 | 7 | 16 | 22 | 8 | 14 | ... | ... | 13 | 1 | ... | 8 | 1 | 4 | 5 | 37 | 50 |
| 13 | | Kaithal ... | 14,754 | 5 | 3 | 8 | 6 | 5 | 1 | ... | ... | 1 | ... | ... | 5 | ... | ... | ... | 28 | 21 |
| 14 | | Panipat ... | 26,572 | 12 | 15 | 27 | 12 | 6 | 6 | ... | ... | 4 | 1 | ... | 7 | 3 | 1 | 4 | 53 | 21 |
| 15 | Umballa ... | Umballa ... | 26,777 | 16 | 12 | 28 | 23 | 13 | 10 | ... | ... | 10 | 3 | ... | 10 | 2 | 1 | 3 | 55 | 45 |
| 16 | | Jagadhri ... | 12,300 | 5 | 4 | 9 | 3 | 1 | 2 | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | 38 | 13 |
| 17 | | Shahabad ... | 10,218 | 5 | 4 | 9 | 2 | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 46 | 10 |
| 18 | | Sadhaura ... | 10,794 | 4 | 5 | 9 | 9 | 4 | 5 | ... | ... | 7 | ... | ... | 2 | 1 | 1 | 2 | 43 | 43 |
| 19 | | Rupar ... | 10,326 | 4 | 2 | 6 | 13 | 6 | 7 | ... | ... | 8 | ... | ... | 5 | 2 | 3 | 5 | 30 | 66 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 7 | 7 | 14 | 13 | 5 | 8 | ... | ... | 3 | 1 | ... | 9 | 1 | 3 | 4 | 55 | 51 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 5 | 9 | 11 | 5 | 6 | ... | ... | 10 | ... | ... | 1 | 2 | 1 | 3 | 46 | 56 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 22 | 16 | 38 | 34 | 23 | 11 | ... | ... | 11 | ... | ... | 23 | 13 | 4 | 17 | 64 | 57 |
| 23 | | " Suburbs ... | 11,474 | 7 | 11 | 18 | 11 | 5 | 6 | ... | ... | 6 | ... | ... | 5 | 2 | 3 | 5 | 82 | 50 |
| 24 | | Rahon ... | 11,736 | 6 | 4 | 1 | 10 | 3 | 7 | ... | ... | 5 | 1 | ... | 4 | 1 | 4 | 5 | 44 | 44 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 23 | 17 | 40 | 30 | 18 | 12 | ... | ... | 12 | 2 | ... | 16 | 4 | 2 | 6 | 47 | 35 |
| 26 | | Jagraon ... | 16,873 | 10 | 10 | 20 | 40 | 16 | 24 | ... | ... | 21 | 2 | ... | 17 | 2 | 6 | 8 | 62 | 124 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 9 | 16 | 14 | 9 | 5 | ... | ... | 10 | ... | ... | 4 | 3 | ... | 3 | 40 | 35 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 20 | 17 | 37 | 23 | 12 | 11 | ... | ... | 7 | 1 | ... | 15 | 4 | 9 | 13 | 61 | 38 |
| 29 | | " Suburbs ... | 25,593 | 14 | 12 | 26 | 26 | 15 | 11 | ... | ... | 10 | 4 | ... | 12 | 5 | 3 | 8 | 53 | 53 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Causes of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 53 | 38 | 91 | 97 | 45 | 52 | ... | ... | 52 | 2 | 1 | 42 | 9 | 10 | 19 | 49 | 52 |
| 33 | | „ Suburbs ... | 41,670 | 8 | 10 | 18 | 35 | 22 | 13 | ... | ... | 22 | 1 | ... | 12 | 2 | ... | 2 | 23 | 44 |
| 34 | | Kasur ... | 17,336 | 7 | 8 | 15 | 13 | 8 | 5 | ... | ... | 11 | ... | ... | 2 | 2 | ... | 2 | 45 | 39 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 73 | 62 | 135 | 149 | 87 | 62 | ... | ... | 77 | 6 | ... | 66 | 24 | 21 | 45 | 49 | 54 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 15 | 19 | 34 | 18 | 9 | 9 | ... | ... | 7 | ... | ... | 11 | 4 | 3 | 7 | 73 | 39 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 15 | 18 | 33 | 24 | 13 | 11 | ... | 4 | 5 | ... | ... | 15 | 4 | 1 | 5 | 51 | 37 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 15 | 8 | 23 | 9 | 4 | 5 | ... | ... | 7 | ... | ... | 2 | 1 | ... | 1 | 64 | 25 |
| 39 | | Jalalpur ... | 12,839 | 6 | 14 | 20 | 7 | 2 | 5 | ... | ... | 3 | ... | ... | 4 | 2 | 3 | 5 | 81 | 28 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 8 | 11 | 19 | 13 | 7 | 6 | ... | ... | 8 | ... | ... | 5 | 2 | 1 | 3 | 43 | 30 |
| 41 | | Wazirabad ... | 16,462 | 6 | 7 | 13 | 14 | 6 | 8 | ... | ... | 11 | ... | ... | 3 | 2 | 2 | 4 | 41 | 44 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 2 | 6 | 8 | 6 | 5 | 1 | ... | ... | 4 | ... | ... | 2 | 3 | ... | 3 | 28 | 21 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 13 | 6 | 7 | ... | ... | 13 | ... | ... | ... | ... | 1 | 1 | 9 | 41 |
| 44 | | Pind Dadan Khan ... | 16,724 | 4 | 3 | 7 | 18 | 10 | 8 | ... | ... | 10 | 3 | ... | 5 | 2 | 1 | 3 | 22 | 56 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 11 | 10 | 21 | 41 | 23 | 18 | ... | ... | 27 | 2 | ... | 12 | 3 | 3 | 6 | 39 | 77 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 19 | 18 | 37 | 89 | 48 | 41 | ... | 27 | 36 | 2 | ... | 24 | 7 | 7 | 14 | 33 | 78 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 5 | 12 | 12 | 8 | 4 | ... | ... | 9 | ... | 1 | 2 | 2 | ... | 2 | 46 | 46 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 4 | 10 | 15 | 9 | 6 | ... | ... | 9 | 4 | ... | 2 | 2 | 2 | 4 | 27 | 41 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 12 | 14 | 26 | 19 | 9 | 10 | ... | ... | 11 | 1 | 1 | 6 | 2 | 4 | 6 | 70 | 50 |
| | Birth and death rate of London for the week ending 30th November 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·8 | 17·4 |
| | | Grand Total ... | 1,288,025 | 601 | 561 | 1162 | 1172 | 618 | 554 | ... | 31 | 600 | 58 | 3 | 480 | 152 | 138 | 290 | 47 | 47 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... ... | | 12,305 | ... | 1 | 1 | 2 | 2 | ... | ... | ... | 2 | ... | ... | ... | 1 | ... | 1 | 4 | 8 |
| | Dharmsala ... ... ... ... | | 3,839 | 1 | 4 | 5 | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | 68 | 14 |
| | Dalhousie ... ... ... ... | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree... ... ... ... ... | | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 13th January* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 21st December 1889.*

*General Results.*—The return is incomplete, the registers for the districts of Jhang, Muzaffargarh and Police Station of Karor in the Dera Ismail Khan District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 16,174 against 16,135 in the previous week and 12,449 in the corresponding week of the past year, giving respectively an annual death-rate of 46·6, 46·5 and 35·9 per 1,000 of population.

*Cholera.*—There was one death registered under the head of cholera; it occurred in the village of Kumbra, Police Station Chandi Garh, District Umballa.

*Small-pox.*—From small-pox 130 deaths were registered against 100 in the previous week and 232 in the corresponding week of the past year.

*Fevers.*—From fevers there were 12,497 deaths against 12,710 in the previous week and 9,123 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 376 deaths against 368 and 338.

*Chest disease.*—Eight hundred and fifty-two against 794 and 661.

*Snake-bite.*—Four against 3 and 2.

*Hydrophobia.*—One against 1 and 0.

*All other causes.*—Two thousand three hundred and thirteen against 2,159 in the previous week and 2,035 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand two hundred and sixty-eight deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,646 were males and 1,622 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 1,172 deaths were registered (618 males and 554 females), giving a death-rate of 47 per mille of population; 1,162 births were registered (601 males and 561 females), giving a birth-rate of 47 per mille of population.

LAHORE:
*The 13th January 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWA.

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWA. THE REWARI-FEROZEPORE STATE RAILWAY AND THE CAWNPORE-ACHNERA STATE RAILWAY).

***Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of November 1889 as compared with the same month of the previous year.***

| | STAPLES. | Total 1889. | Total 1888. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 1,305 | 1,085 | 220 | ... |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 3,429 | 1,568 | 1,861 | ... |
| | Do., intermediate and half-pressed ... | 71 | 42 | 29 | ... |
| | Do., unpressed ... | 1,174 | 433 | 741 | ... |
| III | Cotton twist and yarn ... | 575 | 221 | 354 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 2,687 | 2,385 | 302 | ... |
| | (2) Indian ... | 640 | 798 | ... | 158 |
| V | Drugs and medicines ... | 125 | 15 | 110 | ... |
| VI | Dye roots and colours ... | 289 | 322 | ... | 33 |
| VII | Firewood ... | 863 | 326 | 537 | ... |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 12,095 | 6,265 | 5,830 | ... |
| | (2) Other grains ... | 18,419 | 16,235 | 2,184 | ... |
| IX | Hay and grass ... | 33 | 38 | ... | 5 |
| X | Hides and skins ... | 443 | 386 | 57 | ... |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 97 | 693 | 62 | ... |
| | (2) Gunny bags ... | 658 | | | |
| XII | Leather manufactured ... | 33 | 22 | 11 | ... |
| XIII | Liquors, wines, spirits and beer ... | 182 | 258 | ... | 76 |
| XIV | Machinery ... | 213 | 71 | 142 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 2,128 | 1,377 | 1,575 | ... |
| | (2) Brass and Copper ... | 506 | | | |
| | (3) Zinc and Spelter ... | 75 | | | |
| | (4) Others ... | 243 | | | |
| | (5) Lead ... | 32 | 11 | 21 | ... |
| XVI | Military Stores ... | 369 | 277 | 92 | ... |
| XVII | Mowra flowers and seeds ... | 121 | 161 | ... | 40 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 370 | 380 | 203 | ... |
| | (2) Others ... | 213 | | | |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 473 | 7,380 | 13 | ... |
| | (2) Rape seed ... | 1,913 | | | |
| | (3) Other oil seeds ... | 5,007 | | | |
| XX | Opium ... | 156 | 37 | 119 | ... |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 503 | 469 | 34 | ... |
| | (2) Dried Fruits and Nuts ... | 1,128 | 716 | 412 | ... |
| | (3) Cocoanuts ... | 427 | 379 | 48 | ... |
| | (4) Oilman stores ... | 72 | ... | 72 | ... |
| | (5) Fruits, green, and vegetables... | 282 | 279 | 3 | ... |
| | (6) Others ... | 683 | 156 | 527 | ... |
| XXII | Railway material and rolling stock ... | 5,762 | 11,011 | ... | 5,249 |
| XXIII | Salt ... | 25,215 | 21,764 | 3,451 | ... |
| XXIV | Saltpetre ... | 427 | 579 | ... | 152 |
| XXV | Silk, raw and manufactured ... | 41 | 8 | 33 | ... |
| XXVI | Spices ... | 310 | 360 | ... | 50 |
| XXVII | Sugar and jagri ... | 6,902 | 3,584 | 3,318 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 37 | 1,608 | ... | 542 |
| | (2) Others ... | 1,029 | | | |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 73 | 64 | 9 | ... |
| | (2) Indian ... | 35 | 28 | 7 | ... |
| XXX | Timber ... | 736 | 685 | 51 | ... |
| XXXI | Tobacco ... | 877 | 785 | 92 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 815 | 630 | 185 | ... |
| | (2) Piece-goods, woollen ... | 28 | 50 | ... | 22 |
| XXXIII | All other articles ... | 7,344 | 5,565 | 1,779 | ... |
| | Total ... | 1,07,663 | 89,506 | 24,484 | 6,327 |
| | Net Increase ... | ... | ... | 18,157 | ... |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 21st December* 1889.

J. O'CONNELL.

*Chief Auditor and Accountant.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF NOVEMBER 1889.

| Month. | Documents registered. | | | Total collections, inclusive of copying fees. | Total expenditure, inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| November 1889 ... ... ... ... ... ... ... ... | 3,353 | 580 | 827 | 13,375 | 4,715 | |
| November 1888 ... ... ... ... ... ... ... ... | 3,095 | 558 | 766 | 12,561 | 8,316 | |
| Difference ... ... ... | + 258 | + 22 | + 61 | + 8,14 | — 3,601 | |
| First eight months of 1889-90 ... ... ... ... ... ... | 38,721 | 6,308 | 6,456 | 1,45,260 | 46,406 | |
| First eight months of 1888-89 ... ... ... ... ... ... | 42,128 | 7,241 | 6,765 | 1,56,911 | 75,111 | |
| Difference ... ... ... | — 3,407 | — 933 | — 309 | — 11,651 | — 28,705 | |

OFFICE OF INSPECTOR-GENERAL OF REGISTRATION, PUNJAB,
LAHORE:
*The 2nd January* 1890.

T. GORDON WALKER,
*Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore.—16-1-90—696.

No. 4 of 1890.

# SUPPLEMENT TO THE Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

*Published by Authority.*

LAHORE, THURSDAY, JANUARY 23, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 21st JANUARY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | ... | Crops much in need of rain. |
| 2 | Delhi ... | ... | ... | Do. | ... | Crops badly in want of rain. |
| 3 | Umballa ... | 0·05 ... | ... | Rising. | ... | Crops suffering from drought. |
| 4 | Jullundur ... | 0·25 ... | Fodder sufficient. | Stationary. | ... | Poppy and rabi weeding in progress. Standing crops average. |
| 5 | Ferozepore ... | 0·06 at Sadr. 0·06 in City. | Fodder ample. | Do. | ... | ... |
| 6 | Amritsar ... | 0·08 average ... | Fodder sufficient. | Do. | ... | Crops getting damaged by white ants for want of rain. |
| 7 | Siálkot ... | Slight rain in all Tahsíls except Raya. | Fodder scarce. | Rising. | ... | More rain much wanted. |
| 8 | Lahore ... | 0·07 at Lahore. 0·03 in Kasúr. 0·10 in Sharakpur. | Fodder sufficient, but scarce at Sadr. | Stationary. | ... | Watering of crops going on. Prospects of standing crops on Chábi and Nahri lands good. Rain wanted for Baráni crops. |
| 9 | Mooltan ... | ... | Fodder plentiful. | Do. | ... | Crops in good condition. Rain much needed. |
| 10 | Ráwalpindi ... | 0·77 at Ráwalpindi. 0·65 in Kahúta. 0·5 in Fattehjang. 0·2 in Attock. 0·38 in Gujar Khán. | Fodder sufficient. | Rising. | ... | Condition of crops below average. |
| 11 | Shahpur ... | Slight rainfall throughout the district. | Ditto. | Stationary. | ... | Crops in fair condition. Rain much needed. |
| 12 | D. I. Khan ... | 0·33 ... | Fodder supply average. | Do. | ... | Crops benefitted by recent rain. |
| 13 | Peshâwar ... | 0·41 ... | Fodder scarce. | Slightly falling. | ... | Prospects of crops somewhat improved. |

*GENERAL REMARKS.*

Slight rain has fallen in most districts. Sky still cloudy. Prices rising in Umballa, Siálkot and Ráwalpindi; falling in Peshâwar stationary elsewhere. Sowings of rabi crops over. More rain wanted throughout the Province. Condition of crops is good to average. Prospects slightly improved by recent rains in Dera Ismail Khan and Peshâwar. Crops getting damaged by white ants for want of rain in Amritsar. Fodder sufficient except in Siálkot, Peshâwar and parts of Lahore. Poppy weeding going on in Jullundur.

F. A. ROBERTSON,

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 19 | 16 | 18 | 25 | 27 | 22 | ... | ... | ... | 11 | 10 | 10 | 25 | 24 | 23 | 23 | 23 | 19 |
| Rohtak ... | 18 | 17 | 16 | 24 | 24 | 20 | ... | ... | ... | 12 | 12 | 11 | 23 | 23 | 23 | 20 | 20 | 20 |
| Gurgaon ... | 17 | 16 | 17 | 25 | 25 | 23 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 22 | 20 | 19 | 19 |
| Delhi ... | 17 | 17 | 15 | 24 | 24 | 21 | ... | ... | ... | 12 | 12 | 12 | 22 | 29 | 20 | 20 | 20 | 17 |
| Karnál ... | 17 | 17 | 16 | 27 | 26 | 23 | ... | ... | ... | 11 | 12 | 12 | 25 | 25 | 25 | 20 | 19 | 17 |
| Umballa ... | 18 | 18 | 18 | 26 | 23 | 24 | ... | ... | ... | 11 | 10 | 12 | 25 | 20 | 24 | 22 | 20 | 20 |
| Simla ‖ ... | ... | 14 | 13 | ... | 20 | 20 | ... | ... | ... | ... | 9 | 9 | ... | 15 | 16 | ... | 13 | 15 |
| Kángra ... | 17 | 20 | 13 | 25 | 27 | 17 | ... | ... | ... | 12 | 13 | 12 | 12 | 14 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 21 | 21 | 18 | 23 | 28 | 24 | ... | ... | ... | 10 | 10 | 12 | 28 | 24 | 24 | 22 | 22 | 19 |
| Jullundur ... | 20 | 21 | 18 | 28 | 32 | 24 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 24 | 20 | 20 | 18 |
| Ludhiána ... | 20 | 25 | 19 | 32 | 34 | 25 | ... | ... | ... | 12 | 12 | 11 | 26 | 27 | 26 | 24 | 23 | 22 |
| Ferozepore ... | 19 | 19 | 17 | 38 | 34 | 25 | ... | ... | ... | 10 | 10 | 10 | 24 | 32 | 24 | 29 | 28 | 19 |
| Mooltan ... | 16 | 16 | 14 | 27 | 26 | 22 | ... | ... | ... | 10 | 10 | 11 | 26 | 26 | 20 | 22 | 21 | 17 |
| Jhang ... | 17 | 18 | 16 | 30 | 29 | 25 | ... | ... | ... | 9 | 8 | 10 | 23 | 23 | 22 | 22 | 22 | 19 |
| Montgomery... | 18 | 18 | 16 | 28 | 28 | 20 | ... | ... | ... | 10 | 10 | 10 | 26 | 22 | 21 | 20 | 20 | 16 |
| Lahore ... | 19 | 19 | 16 | 36 | 36 | 24 | ... | ... | ... | 11 | 11 | 7 | 32 | 32 | 24 | 18 | 18 | 14 |
| Amritsar ... | 20 | 20 | 17 | 33 | 29 | 22 | ... | ... | ... | 11 | 11 | 11 | 25 | 29 | 23 | 22 | 21 | 18 |
| Gurdáspur ... | 22 | 22 | 17 | 26 | 28 | 22 | ... | ... | ... | 14 | 14 | 12 | 20 | 20 | 22 | 14 | 14 | 14 |
| Siálkot ... | 18 | 22 | 17 | 31 | 33 | 24 | ... | ... | ... | 13 | 14 | 13 | 30 | 30 | 23 | 25 | 25 | 22 |
| Gujrát ... | 21 | 21 | 17 | 35 | 35 | 22 | ... | ... | ... | 12 | 12 | 9 | 30 | 30 | 20 | 26 | 26 | 18 |
| Gujránwála ... | 20 | 20 | 17 | 34 | 35 | 24 | ... | ... | ... | 12 | 12 | 11 | 29 | 30 | 21 | 20 | 20 | 15 |
| Shahpur ... | 19 | 21 | 16 | 33 | 34 | 22 | ... | ... | ... | 10 | 10 | 9 | 26 | 26 | 22 | 24 | 26 | 20 |
| Jhelum ... | 22 | 23 | 16 | 37 | 35 | 22 | ... | ... | ... | 14 | 14 | 10 | 29 | 28 | 21 | 28 | 29 | 19 |
| Ráwalpindi ... | 20 | 21 | 15 | 41 | 41 | 22 | ... | ... | ... | 14 | 14 | 11 | 39 | 40 | 23 | 27 | 28 | 17 |
| Hazára ... | 25 | 26 | 13 | 42 | 44 | 18 | ... | ... | ... | 12 | 13 | 11 | 16 | 16 | ... | 24 | 20 | 12 |
| Peshawar ... | 19 | 19 | 14 | 45 | 48 | 22 | ... | ... | ... | 11 | 11 | 10 | 37 | 41 | 23 | 24 | 25 | 15 |
| Kohát ... | 22 | 22 | 12 | 39 | 51 | 20 | ... | ... | ... | 15 | 16 | 11 | 30 | 32 | 17 | 30 | 34 | 16 |
| Bannu ... | 24 | 26 | 15 | 53 | 54 | 21 | ... | ... | ... | 15 | 15 | 10 | 45 | 48 | 21 | 31 | 33 | 17 |
| D. I. Khan ... | 20 | 20 | 14 | 37 | 40 | 24 | ... | ... | ... | 9 | 9 | 8 | 34 | 36 | 22 | 29 | 29 | 19 |
| D. G. Khan ... | 16 | 16 | 15 | 26 | 25 | 21 | ... | ... | ... | 8 | 8 | 10 | 25 | 25 | 21 | 22 | 23 | 19 |
| Muzaffargarh | 17 | 18 | 15 | 25 | 26 | 23 | ... | ... | ... | 13 | 13 | 12 | 19 | 18 | 16 | 19 | 18 | 17 |

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th JANUARY 1890.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 27 | 27 | 25 |
| † | † | † | 16 | 16 | † | 24 | 24 | 24 |
| † | † | † | † | † | † | 24 | 23 | 23 |
| † | † | † | 13 | 13 | 12 | 23 | 23 | 22 |
| 22 | 22 | 22 | 18 | 18 | 17 | 25 | 25 | 24 |
| 20 | 20 | 20 | 9 | 9 | 12 | 26 | 27 | 24 |
| ... | 18 | 16 | ... | 8 | 8 | ... | 19 | 16 |
| | | | | | | | | |
| 22 | 26 | 24 | 8 | 8 | 8 | 22 | 22 | 16 |
| 14 | 14 | 14 | 24 | 26 | 20 | 27 | 27 | 22 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 27 | 28 | 22 |
| † | † | † | 20 | 20 | 20 | 28 | 28 | 25 |
| † | † | † | 20 | 20 | 16 | 31 | 32 | 22 |
| | | | | | | | | |
| † | † | † | 25 | 24 | 22 | 22 | 23 | 17 |
| 24 | 24 | 20 | 24 | 22 | 16 | 18 | 18 | 20 |
| § | § | § | 32 | 28 | 20 | 26 | 25 | 21 |
| § | § | § | 22 | 22 | 20 | 27 | 29 | 21 |
| † | † | † | 21 | 23 | 18 | 28 | 30 | 22 |
| † | † | † | 16 | 16 | 12 | 26 | 27 | 20 |
| | | | | | | | | |
| § | § | § | 32 | 32 | 25 | 25 | 24 | 22 |
| † | † | † | 12 | 12 | 12 | 26 | 26 | 20 |
| § | § | † | 20 | 20 | 10 | 25 | 25 | 20 |
| 20 | 20 | 20 | 20 | 20 | 18 | 26 | 27 | 20 |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 25 | 25 | 20 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 26 | 27 | 19 |
| | | | | | | | | |
| † | † | † | 16 | 16 | 12 | 22 | 23 | 16 |
| † | † | † | 22 | 23 | 19 | 22 | 22 | 16 |
| † | † | ‡ | 32 | 32 | 22 | 25 | 30 | 16 |
| | | | | | | | | |
| 9 | 8 | 8 | 9 | 8 | 8 | 34 | 35 | 18 |
| § | § | 15 | 6 | 6 | 5 | 27 | 29 | 18 |
| § | § | ‡ | § | § | ‡ | 23 | 22 | 17 |
| § | § | ‡ | § | § | ‡ | 19 | 19 | 17 |

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 20 seers as compared with 20 seers in last fortnight, and 16 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 15 | 17 | 17 |
| Kángra | ... | 13 | 20 | 17 |
| Gurdáspur | ... | 17 | 22 | 22 |
| Jhelum | ... | 16 | 23 | 22 |
| Hazára | ... | 13 | 26 | 25 |
| Bannu | ... | 15 | 26 | 24 |

*Barley.*—Prices average 32 seers as compared with 33 seers in last fortnight and 22 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 20 | 24 | 24 |
| Ferozepore | ... | 25 | 34 | 38 |
| Lahore | ... | 24 | 36 | 36 |
| Ráwalpindi | ... | 22 | 41 | 41 |
| Hazára | ... | 18 | 44 | 42 |
| Bannu | ... | 21 | 54 | 53 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 11 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 10 | 10 | 11 |
| Hoshiárpur | ... | 12 | 10 | 10 |
| Lahore | ... | 7 | 11 | 11 |
| Jhelum | ... | 10 | 14 | 14 |
| Kohát | ... | 11 | 16 | 15 |
| Bannu | ... | 10 | 15 | 15 |

*Jowár.*—Prices average 27 seers as compared with 27 seers in last fortnight and 22 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 22 | 25 | 25 |
| Hoshiárpur | ... | 24 | 24 | 28 |
| Lahore | ... | 24 | 32 | 32 |
| Ráwalpindi | ... | 23 | 40 | 39 |
| Peshávar | ... | 23 | 41 | 37 |
| Bannu | ... | 21 | 48 | 45 |

*Bájra.*—Prices average 23 seers as compared with 22 seers in last fortnight and 18 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 19 | 23 | 23 |
| Ferozepore | ... | 19 | 28 | 29 |
| Mooltan | ... | 17 | 21 | 23 |
| Ráwalpindi | ... | 17 | 28 | 27 |
| Kohát | ... | 16 | 34 | 30 |
| Bannu | ... | 17 | 33 | 31 |

*Gram.*—Prices average 25 seers as compared with 26 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 25 | 27 | 27 |
| Ferozepore | ... | 22 | 32 | 31 |
| Amritsar | ... | 22 | 30 | 28 |
| Ráwalpindi | ... | 19 | 27 | 26 |
| Kohát | ... | 16 | 30 | 25 |
| Bannu | ... | 18 | 35 | 34 |

† Not produced.
‡ Not sold.
§ Not procurable.
‖ Statement not received.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | QUANTITIES PER RUPEE BY | | | | | |
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 15th Jany. 1890. | | Past fortnight ending 31st Decr. 1889. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 17 | 18 | † | † | † | 120 | 90 | 85 | 11 8 | 11 0 | 12 0 | 11 0 | 11 0 | 10 0 |
| Rohtak ... | 20 | 16 | 18 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 10 0 | 11 0 | 10 0 | 12 0 | 11 0 |
| Gurgaon ... | 24 | 24 | 20 | 20 | 20 | 22 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 23 | 24 | 20 | 26 | 25 | 22 | 80 | 80 | 70 | 12 0 | 11 0 | 12 0 | 11 0 | 11 0 | 10 0 |
| Karnál ... | 26 | 26 | 23 | 21 | 21 | 21 | 160 | 160 | 140 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 25 | 27 | 23 | 20 | 20 | 16 | 130 | 130 | 130 | 11 0 | 11 0 | 12 0 | 11 0 | 13 0 | 12 0 |
| Simla ‖ ... | ... | 21 | 16 | ... | 11 | 11 | ... | 65 | 65 | ... | ... | 10 0 | 9 4 | 9 8 | 9 0 |
| Kángra ... | 20 | 22 | 17 | 12 | 12 | 14 | 100 | 100 | 100 | † | 10 0 | ‡ | 10 8 | ‡ | 10 0 |
| Hoshiárpur ... | 27 | 28 | 23 | 15 | 16 | 13 | 85 | 85 | 90 | 11 12 | 11 8 | 12 0 | 11 8 | 13 4 | 13 0 |
| Jullundur ... | 28 | 28 | 26 | ‡ | ‡ | ‡ | 90 | 90 | 100 | 12 0 | 11 0 | 12 8 | 12 0 | 13 0 | 12 8 |
| Ludhiána ... | 29 | 31 | 25 | 14 | 14 | 14 | 110 | 110 | 110 | 12 0 | 11 8 | 12 0 | 11 8 | 13 0 | 13 0 |
| Ferozepore ... | 32 | 32 | 24 | 11 | 11 | 12 | 100 | 100 | 100 | 12 0 | 12 0 | 12 4 | 12 0 | 13 8 | 13 0 |
| Mooltan ... | 23 | 24 | 18 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Jhang ... | 23 | 23 | 20 | 10 | 10 | 10 | 200 | 200 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 12 |
| Montgomery... | 28 | 26 | 18 | 12 | 12 | 12 | 200 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 31 | 31 | 21 | 12 | 12 | 12 | 85 | 85 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 30 | 29 | 22 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Gurdáspur ... | 28 | 30 | 22 | 10 | 10 | 8 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 26 | 25 | 22 | 12 | 12 | 12 | 120 | 140 | 160 | 13 0 | 12 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 26 | 26 | 19 | † | † | 11 | 120 | 120 | 120 | * | 13 0 | * | 13 12 | * | 13 0 |
| Gujránwála ... | 24 | 24 | 19 | § | § | 8 | 85 | 85 | 90 | 11 8 | 11 0 | 13 4 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 26 | 24 | 20 | ‡ | ‡ | 10 | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 26 | 26 | 20 | ‡ | ‡ | † | 120 | 120 | 160 | 12 0 | 12 0 | 14 0 | 14 0 | ... | 14 0 |
| Ráwalpindi ... | 29 | 30 | 19 | 25 | 24 | 17 | 85 | 76 | 96 | 13 4 | 13 0 | 13 8 | 13 4 | 13 12 | 13 8 |
| Hazára ... | 32 | 35 | 16 | † | † | † | 100 | 100 | 80 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshawar ... | 33 | 32 | 19 | 29 | 30 | 23 | 108 | 105 | 108 | 40 0 | 38 0 | 39 0 | 38 0 | 42 0 | 40 0 |
| Kohát ... | 31 | 35 | 15 | † | † | ‡ | 100 | 125 | 130 | 65 0 | 60 0 | 65 0 | 60 0 | 64 0 | 60 0 |
| Bannu ... | 43 | 43 | 20 | 14 | 11 | 11 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 1 | 40 0 |
| D. I. Khan ... | 30 | 26 | 16 | 15 | 15 | ‡ | 112 | 112 | 112 | 39 0 | 37 0 | 48 0 | 46 0 | 44 0 | 42 0 |
| D. G. Khan ... | § | 15 | ‡ | § | § | ‡ | 125 | 125 | 75 | 31 0 | 30 0 | 30 0 | 29 0 | 29 0 | 27 0 |
| Muzaffargarh | § | § | ‡ | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th JANUARY 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 13 0 | 12 0 | 12 12 | 7 0 | 7 0 | 7 0 |
| 13 0 | 13 0 | 16 0 | 8 0 | 7 8 | 8 0 |
| 13 0 | 13 0 | 17 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 8 0 | 10 0 | 7 0 | 7 0 | 7 0 |
| 12 0 | 12 0 | 15 0 | 8 0 | 8 8 | 8 0 |
| 12 0 | 11 0 | 13 0 | 7 8 | 7 8 | 7 0 |
| ... | 7 6 | 7 0 | ... | 2 6 | 2 8 |
| | | | | | |
| 9 0 | 9 0 | 9 0 | 8 0 | 6 0 | 8 0 |
| 10 0 | 10 0 | 12 0 | 7 0 | 7 12 | 9 0 |
| 12 0 | 12 0 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 10 0 | 12 0 | 8 0 | 8 0 | 9 0 |
| 12 0 | 11 0 | 12 0 | 8 0 | 8 8 | 8 0 |
| | | | | | |
| 10 0 | 8 8 | 10 0 | 7 0 | 7 0 | 7 0 |
| 11 0 | 12 0 | 12 0 | 8 0 | 8 0 | 9 0 |
| 11 0 | 11 8 | 10 0 | 9 0 | 9 0 | 12 0 |
| 9 8 | 9 4 | 12 0 | 8 1 | 8 1 | 7 2 |
| 13 0 | 13 0 | 14 0 | 8 0 | 8 0 | 8 0 |
| 14 8 | 12 8 | 14 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 14 0 | 15 0 | 15 0 | 8 0 | 10 0 | 8 0 |
| 13 0 | 12 8 | 12 0 | 10 0 | 10 0 | 8 0 |
| 12 0 | 12 0 | 10 0 | 9 0 | 9 0 | 7 8 |
| 11 0 | 11 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 13 0 | 12 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| 11 12 | 11 0 | 11 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 8 8 | § | § | ... |
| 10 0 | 10 0 | 9 12 | 8 12 | 8 12 | 6 8 |
| 10 0 | 10 0 | 9 12 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 15 10 | 13 12 | 14 0 | 8 12 | 8 12 | 10 0 |
| 12 0 | 11 0 | 11 0 | 9 1 | 9 6 | 9 6 |
| 8 2 | 7 13 | 9 6 | 8 8 | 8 8 | 8 12 |
| 9 8 | 10 0 | 9 8 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 27 seers as compared with 27 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 20 | 24 | 24 |
| Ferozepore | ... | 24 | 32 | 32 |
| Lahore | ... | 21 | 31 | 31 |
| Ráwalpindi | ... | 19 | 30 | 29 |
| Hazára | ... | 16 | 35 | 32 |
| Bannu | ... | 20 | 43 | 43 |

§ Not procurable.
‖ Statement not received.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 16 | 25 | 25 | 22 | ... | ... | ... | 13 | 13 | 13 | 23 | 23 | 21 | 21 | 21 | 18 | † | † | ... |
| Ferozepore ... | 19 | 19 | 17 | 38 | 35 | 25 | ... | ... | ... | 10 | 10 | 10 | 24 | 32 | 24 | 30 | 28 | 19 | † | † | ... |
| Mooltan ... | 16 | 16 | 15 | 28 | 27 | 23 | ... | ... | ... | 11 | 11 | 12 | 27 | 27 | 21 | 23 | 21 | 18 | † | † | ... |
| Lahore ... | 19 | 20 | 16 | 37 | 37 | 25 | ... | ... | ... | 13 | 12 | 8 | 33 | 33 | 25 | 20 | 20 | 15 | § | § | ... |
| Amritsar ... | 21 | 21 | 17 | 34 | 30 | 22 | ... | ... | ... | 12 | 12 | 11 | 26 | 30 | 23 | 23 | 22 | 19 | † | † | ... |
| Peshâwar ... | 20 | 20 | 15 | 47 | 50 | 23 | ... | ... | ... | 12 | 12 | 11 | 39 | 43 | 24 | 25 | 26 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th JANUARY 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | Present fortnight ending 15th Jany. 1890. | Past fortnight ending 31st Decr. 1889. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 13 | 24 | 24 | 23 | 24 | 25 | 21 | 27 | 26 | 23 | 10 0 | 10 0 | 11 0 | 8 0 | 8 0 | 8 0 | |
| 20 | 20 | 16 | 31 | 32 | 22 | 32 | 32 | 24 | 11 | 11 | 12 | 12 4 | 11 0 | 12 0 | 8 8 | 8 8 | 7 8 | |
| 26 | 25 | 23 | 23 | 23 | 18 | 24 | 25 | 19 | † | † | ... | 11 0 | 9 0 | 11 0 | 7 8 | 7 4 | 7 4 | |
| 23 | 23 | 22 | 28 | 29 | 22 | 32 | 32 | 22 | 13 | 13 | 13 | 9 8 | 10 8 | 12 8 | 9 0 | 8 3 | 7 6 | |
| 22 | 24 | 18 | 29 | 31 | 23 | 31 | 30 | 23 | † | † | ... | 14 0 | 14 0 | 15 0 | 8 0 | 8 8 | 8 0 | |
| 23 | 24 | 20 | 23 | 23 | 17 | 34 | 33 | 20 | 30 | 31 | 24 | 11 0 | 11 0 | 10 0 | 9 0 | 9 0 | 6 11 | |

† Not produced.

TULSI DAS, *Clerk of Statistics*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF HAZARA FOR THE MONTH OF DECEMBER 1889, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 16th JANUARY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st December. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st December. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Hazara. | Abbott-abad ... | 4·24 | ... | 2·16 | 0·7 | 1·1 | ... | 1·1 | Later rabi sowings delayed for rain, and if rain holds off much longer crops will suffer. Prices stationary. |
| | Mansahra ... | 3·39 | ... | 1·65 | 0·5 | 1·5 | ... | 1·5 | |
| | Haripur ... | 2·84 | ... | 1·36 | ... | 0·2 | ... | 0·2 | |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## RAIN RETURNS, PUNJAB.

### Blank Returns.

Week ending 5th January 1890 ... Karnál and Kohát Districts.

### Weekly Rain Report for the week ending 12th January 1890.

Memo.—There has been no rainfall of importance, except a slight fall at Abbott-abad (Hazára District) on 12th January 1890.

Deputy Commissioner Simla reports that the absence of rain is regarded as rather a serious matter even in this district. Prices keep low in Simla possibly because of the Batinda Railway, it is said.

Deputy Commissioner Montgomery reports that the rain is much wanted. Prices rising.

Returns not received from Gujránwála District.

PESTONJI, *Superintendent,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of December* 1889.

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... ... | | | Miles | 188 | |
| Receipts. | Tollage. | Private boats... ... ... | Rs. | 223 | |
| | | Government boats ... ... | " | 27 | |
| | | Rafts ... ... ... | " | 660 | |
| | Hire of Government boats ... ... | | " | 64 | |
| | | Total ... | " | 974 | |
| Cost of Navigation Establishment... ... | | | " | *848 | * Includes maintenance charges. |
| Net Revenue during month ... ... | | | " | 126 | |
| Boats plying. | Number ... | Cargo... ... | No. | 42 | |
| | | Passengers ... | " | 9 | |
| | Tonnage ... | Cargo... ... | Tons | 576 | |
| | | Passengers ... | " | 27 | |
| Ton mileage ... | | Up ... ... | " | 26,849 | |
| | | Down... ... | " | 10,089 | |
| | | *Total* ... ... | " | 36,938 | |
| Estimated value of cargo | | Up ... ... | Rs. | 28,872 | |
| | | Down... ... | " | 12,089 | |
| | | Total ... ... | " | 40,961 | |
| Number of passengers ... ... ... | | | No. | 947 | |
| Rafts ... ... | | Contents—Down ... | C. ft. | 72,619 | |
| | | Estimated value ... | Rs. | 55,391 | |
| Tollage on boats per ton per mile ... ... | | | Pies | 1½ | |
| Description and quantities of goods carried. | Grain ... ... | Up ... ... | Tons | 246 | |
| | | Down... ... | " | 106 | |
| | | Total ... ... | " | 352 | |
| | Salt ... ... | Up ... ... | " | 38 | |
| | Metals ... ... | Up ... ... | " | 7 | |
| | | Down . ... | " | 6 | |
| | | Total ... ... | " | 13 | |
| | Building materials ... | Up ... ... | " | 1,884 | |
| | | Down... ... | " | 95 | |
| | | Total ... ... | " | 1,979 | |
| | Fuel ... ... | Up ... ... | " | 111 | |
| | | Down ... | " | 5 | |
| | | Total... ... | " | 116 | |
| | Timber ... ... | Up ... ... | " | 1 | |
| | | Down ... ... | " | 70 | |
| | | Total ... ... | " | 71 | |
| | Miscellaneous ... | Up ... ... | " | 22 | |
| | | Down... ... | " | 16 | |
| | | Total ... ... | " | 38 | |
| | Total Traffic ... | Up ... ... | " | 2,309 | |
| | | Down... ... | " | 298 | |
| | | Total ... ... | " | 2,607 | |
| | Rafts. | Logs, round and squared—Down ... | " | 139 | |
| | | Sleepers, broad gauge. Down... ... | " | 1,034 | |
| | | Sleepers, metre gauge—Down ... | " | 34 | |
| | | Ballas and Karries—Down ... | " | 2 | |
| | | Bamboos and reeds—Down ... | " | 3 | |
| | | Total Rafts ... | " | 1,212 | |

LAHORE:
*The 19th January* 1890.

GOOR SAHOY,
*Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of December 1889.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... | | ... | Miles | 230 | |
| Receipts. | Tollage. | Private boats ... ... | Rs. | 311 | |
| | | Government boats ... ... | " | 27 | |
| | | Rafts ... ... ... | " | 2,954 | |
| | | Total ... | " | 3,292 | |
| Cost of Navigation Establishment ... | | ... | " | * 591 | * Includes maintenance charges. |
| Net revenue during month ... | | ... | " | 2,701 | |
| Boats plying. | Number ... ... | Cargo... ... | No. | 76 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... ... | Cargo... ... | Tons | 1,550 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... ... | | Up ... ... | " | 61,603 | |
| | | Down... ... | " | 54,857 | |
| | | Total ... | " | 116,460 | |
| Number of passengers | | ... | No. | ... | |
| Rafts ... ... ... | | Contents, Down ... | C. ft. | 195,054 | |
| | | Estimated value ... | Rs. | 97,670 | |
| Tollage on boats per ton per mile ... | | ... | Pie. | 0·56 | |
| Do. rafts per 100 cubic feet ... | | ... | Re. | 1-8-2·72 | |
| Description and quantities of goods carried. | Grain ... ... | Down ... | Tons. | 422 | |
| | Cotton ... ... | Down ... | " | 22 | |
| | Oil seed ... ... | Down ... | " | 17 | |
| | Building materials ... | Up ... | " | 565 | |
| | Fuel ... ... | Up ... ... | " | 1,076 | |
| | | Down... ... | " | 127 | |
| | | Total ... | " | 1,203 | |
| | Miscellaneous ... | Up ... ... | " | 23 | |
| | | Down ... ... | " | 51 | |
| | | Total ... | " | 74 | |
| | Total Traffic ... | Up ... ... | " | 1,664 | |
| | | Down ... | " | 639 | |
| | | Total ... | " | 2,303 | |
| | Rafts. | Sleepers, broad gauge—Down ... ... | " | 775 | |
| | | Sleepers, metre gauge—Down ... ... | " | 243 | |
| | | Ballas and Karries—Down ... ... | " | 3,287 | |
| | | Firewood —Down ... ... | " | 39 | |
| | | Total Rafts ... ... | " | 4,344 | |

LAHORE:
*The 19th January 1890.*

GOOR SAHOY,
*Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 28th DECEMBER 1889.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar | Hissar | 14,167 | 3 | 5 | 8 | 13 | 5 | 8 | ... | ... | 5 | ... | ... | 8 | 2 | 3 | 5 | 29 | 48 |
| 2 | | Hansi | 12,656 | 9 | 6 | 15 | 12 | 5 | 7 | ... | ... | 9 | 1 | ... | 2 | 1 | 1 | 2 | 62 | 49 |
| 3 | | Bhiwani | 33,762 | 8 | 10 | 18 | 23 | 17 | 6 | ... | ... | 8 | 3 | ... | 12 | 3 | 1 | 4 | 28 | 36 |
| 4 | | Sirsa | 12,292 | 10 | 6 | 16 | 8 | 5 | 3 | ... | ... | 4 | 2 | ... | 2 | ... | 1 | 1 | 68 | 34 |
| 5 | Rohtak | Rohtak | 15,699 | 3 | 1 | 4 | 8 | 5 | 3 | ... | ... | 4 | 1 | ... | 3 | ... | ... | ... | 13 | 27 |
| 6 | | Jhajjar | 11,650 | 9 | 9 | 18 | 8 | 3 | 5 | ... | ... | 4 | 1 | ... | 3 | 2 | 1 | 3 | 81 | 36 |
| 7 | Gurgaon | Rewari | 24,445 | 11 | 9 | 20 | 30 | 20 | 10 | ... | ... | 28 | 1 | ... | 1 | 3 | 3 | 6 | 43 | 64 |
| 8 | | Palwal | 10,635 | 12 | 4 | 16 | 12 | 7 | 5 | ... | 1 | 5 | ... | ... | 6 | 3 | ... | 3 | 78 | 59 |
| 9 | Delhi | Delhi | 117,363 | 57 | 35 | 92 | 119 | 58 | 61 | ... | ... | 66 | 2 | ... | 51 | 9 | 9 | 18 | 41 | 53 |
| 10 | | " Suburbs | 52,882 | 24 | 8 | 32 | 27 | 14 | 13 | ... | ... | 20 | 1 | ... | 6 | 1 | 3 | 4 | 32 | 27 |
| 11 | | Sonepat | 13,077 | 10 | 5 | 15 | 10 | 8 | 2 | ... | ... | 8 | ... | ... | 2 | 1 | ... | 1 | 60 | 40 |
| 12 | Karnal | Karnal | 23,133 | 10 | 6 | 16 | 25 | 13 | 12 | ... | ... | 17 | 1 | ... | 7 | 2 | 2 | 4 | 37 | 56 |
| 13 | | Kaithal | 14,754 | 3 | 2 | 5 | 13 | 6 | 7 | ... | ... | 5 | ... | ... | 8 | ... | 1 | 1 | 18 | 46 |
| 14 | | Panipat | 26,572 | 9 | 7 | 16 | 11 | 8 | 3 | ... | ... | 5 | 1 | ... | 5 | 4 | 2 | 6 | 31 | 22 |
| 15 | Umballa | Umballa | 26,777 | 12 | 12 | 24 | 20 | 11 | 9 | ... | ... | 11 | 1 | ... | 8 | 4 | 3 | 7 | 47 | 39 |
| 16 | | Jagadhri | 12,300 | 1 | 7 | 8 | 5 | ... | 5 | ... | ... | 2 | 1 | ... | 2 | ... | 1 | 1 | 34 | 21 |
| 17 | | Shahabad | 10,218 | 3 | 4 | 7 | 5 | 3 | 2 | ... | 1 | 3 | ... | ... | 1 | ... | ... | ... | 36 | 26 |
| 18 | | Sadhaura | 10,794 | 8 | 2 | 10 | 12 | 6 | 6 | ... | ... | 8 | ... | ... | 4 | 1 | .. | 1 | 48 | 58 |
| 19 | | Rupar | 10,326 | 3 | 4 | 7 | 4 | 2 | 2 | ... | ... | 1 | 1 | ... | 2 | ... | 1 | 1 | 35 | 20 |
| 20 | Hoshiarpur | Hoshiarpur | 13,263 | 2 | 5 | 7 | 6 | 2 | 4 | ... | ... | 2 | 1 | ... | 3 | 2 | 1 | 3 | 28 | 24 |
| 21 | | Tanda and Urmar | 10,295 | 3 | 2 | 5 | 7 | 5 | 2 | ... | ... | 5 | ... | ... | 2 | 1 | 1 | 2 | 25 | 35 |
| 22 | Jullundur | Jullundur | 31,177 | 19 | 12 | 31 | 22 | 12 | 10 | ... | ... | 10 | ... | ... | 12 | 3 | 4 | 7 | 52 | 37 |
| 23 | | " Suburbs | 11,474 | 8 | 6 | 14 | 12 | 5 | 7 | ... | ... | 5 | 1 | ... | 6 | 1 | 2 | 3 | 64 | 55 |
| 24 | | Rahon | 11,736 | 4 | 3 | 7 | 13 | 4 | 9 | ... | ... | 10 | 1 | ... | 2 | ... | 3 | 3 | 31 | 58 |
| 25 | Ludhiana | Ludhiana | 44,163 | 24 | 15 | 39 | 24 | 13 | 11 | ... | ... | 16 | 1 | ... | 7 | 3 | ... | 3 | 46 | 28 |
| 26 | | Jagraon | 16,873 | 13 | 9 | 22 | 32 | 13 | 19 | ... | ... | 13 | 1 | ... | 18 | 9 | 4 | 13 | 68 | 99 |
| 27 | Ferozepore | Ferozepore | 20,870 | 7 | 6 | 13 | 24 | 19 | 5 | ... | ... | 17 | ... | ... | 7 | 5 | 1 | 6 | 32 | 60 |
| 28 | Mooltan | Mooltan | 31,878 | 13 | 16 | 29 | 19 | 9 | 10 | ... | ... | 5 | 2 | 1 | 11 | 3 | 4 | 7 | 47 | 31 |
| 29 | | " Suburbs | 25,593 | 16 | 10 | 26 | 21 | 12 | 9 | ... | ... | 11 | ... | ... | 10 | 3 | 3 | 6 | 53 | 43 |
| 30 | Jhang | Maghiana | 12,574 | 10 | 6 | 16 | 10 | 6 | 4 | ... | ... | 7 | 1 | ... | 2 | 3 | 1 | 4 | 66 | 41 |
| 31 | | Chiniot | 10,731 | 5 | 10 | 15 | 13 | 4 | 9 | ... | ... | 5 | 1 | ... | 7 | 1 | 3 | 4 | 73 | 63 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 50 | 43 | 93 | 109 | 53 | 56 | ... | ... | 54 | 3 | 3 | 49 | 5 | 9 | 14 | 50 | 58 |
| 33 | | „ Suburbs ... | 41,670 | 3 | 8 | 11 | 25 | 22 | 3 | .. | ... | 13 | 1 | .. | 11 | ... | 1 | 1 | 14 | 31 |
| 34 | | Kasur ... | 17,336 | 5 | 6 | 11 | 10 | 6 | 4 | ... | .. | 5 | 2 | ... | 3 | 1 | 1 | 2 | 33 | 30 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 60 | 52 | 112 | 173 | 96 | 77 | ... | ... | 98 | 3 | 1 | 71 | 17 | 24 | 41 | 40 | 63 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 13 | 14 | 27 | 16 | 13 | 3 | ... | 1 | 9 | ... | .. | 6 | 4 | ... | 4 | 58 | 34 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 25 | 12 | 37 | 37 | 22 | 15 | ... | 9 | 7 | 4 | ... | 17 | 3 | 3 | 6 | 57 | 57 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 10 | 11 | 21 | 7 | 4 | 3 | ... | ... | 5 | 1 | .. | 1 | ... | 1 | 1 | 58 | 19 |
| 39 | | Jalalpur ... | 12,839 | 6 | 6 | 12 | 7 | 3 | 4 | ... | ... | 1 | ... | .. | 6 | 2 | 2 | 4 | 49 | 28 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 8 | 11 | 19 | 14 | 6 | 8 | ... | 1 | 7 | 1 | ... | 5 | 3 | 1 | 4 | 43 | 32 |
| 41 | | Wazirabad ... | 16,462 | 7 | 6 | 13 | 20 | 14 | 6 | ... | ... | 14 | 1 | .. | 5 | 5 | ... | 5 | 41 | 63 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 11 | 11 | 22 | 16 | 6 | 10 | ... | ... | 13 | 1 | ... | 2 | ... | 4 | 4 | 76 | 55 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 3 | 5 | 6 | 6 | ... | ... | ... | 3 | ... | .. | 3 | 1 | ... | 1 | 16 | 19 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | 9 | 11 | 21 | 11 | 10 | ... | ... | 10 | 6 | .. | 5 | 1 | 3 | 4 | 34 | 65 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 16 | 8 | 24 | 28 | 15 | 13 | ... | 1 | 18 | 2 | ... | 7 | 4 | 2 | 6 | 45 | 53 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 32 | 21 | 53 | 86 | 45 | 41 | ... | 26 | 39 | 5 | ... | 16 | 8 | 7 | 15 | 47 | 76 |
| 47 | Kohat ... | Kohat ... | 13,490 | 2 | 6 | 8 | 4 | ... | 4 | ... | ... | 1 | ... | ... | 3 | ... | 2 | 2 | 31 | 15 |
| 48 | D. I. Khan ... | D. I. Khan ... | 18,988 | 1 | 5 | 6 | 8 | 5 | 3 | .. | ... | 5 | 2 | .. | 1 | 1 | 1 | 2 | 16 | 22 |
| 49 | D. G. Khan ... | D. G. Khan ... | 19,687 | 7 | 5 | 12 | 14 | 5 | 9 | ... | ... | 6 | 1 | 1 | 6 | ... | 4 | 4 | 32 | 37 |
| | Birth and death rate of London for the week ending 7th December 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | 27·2 | 20·2 |
| | | Grand Total ... | 1,311,330 | 589 | 479 | 1068 | 1169 | 632 | 537 | ... | 40 | 627 | 59 | 6 | 437 | 125 | 124 | 249 | 42 | 46 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... | ... | 12,305 | ... | 1 | 1 | 6 | 4 | 2 | ... | ... | 3 | 2 | ... | 1 | 1 | 1 | 2 | 4 | 25 |
| | Dharmsala ... ... | ... | 3,839 | ... | 2 | 2 | 3 | 1 | 2 | ... | ... | 1 | .. | ... | 2 | 1 | 1 | 2 | 27 | 41 |
| | Dalhousie ... ... | ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... ... | ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

Sanitary Commissioner's Office,
Lahore:
*The 17th January* 1890.

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 28th December 1889.*

*General Results.*—The return is incomplete, the registers for the districts of Bannu and Muzaffargarh and the Rural Circles of Kohát District for the present week and the register of Karor Rural Circle in Dera Ismail Khan District for the previous week not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 15,530 against 15,888 in the previous week and 11,805 in the corresponding week of the past year, giving respectively an annual death-rate of 45·0, 46·1 and 34·2 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 114 deaths were registered against 129 in the previous week and 283 in the corresponding week of the past year.

*Fevers.*—From fevers there were 11,879 deaths against 12,115 in the previous week and 8,534 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 320 deaths against 382 and 352.

*Chest disease.*—Nine hundred and twenty-three against 879 and 634.

*Snake-bite.*—One against 4 and 0.

*Hydrophobia.*—One against 1 and 2.

*All other causes.*—Two thousand two hundred and ninety-two against 2,377 in the previous week and 1,997 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand one hundred and sixty-nine deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,574 were males and 1,595 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,169 deaths were registered (632 males and 537 females), giving a death-rate of 46 per mille of population; 1,068 births were registered (589 males and 479 females), giving a birth-rate of 42 per mille of population. The death-rates of the Municipal towns of Jagraon and Peshávar are very high, being at an annual rate of 99 and 76 per 1,000 respectively.

LAHORE:
*The 17th January 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## PUBLIC WORKS DEPARTMENT.

### OFFICE OF EXAMINER, PUBLIC WORKS ACCOUNTS, PUNJAB.

*Account of security deposits held by the Examiner, Public Works Accounts, Punjab, on the 31st December 1889.*

| Stock Certificate. | Amount of Stock certificate. 4 per cent. | Amount of Stock certificate. 4½ per cent. | Total. | Interest for | Amount of Investment. 4 per cent. | Amount of Investment. 4½ per cent. | Total. |
|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. |
| *Stock held.* | | | | | | | |
| *Vide* Comptroller-General's account of the security deposit held on 31st December 1889. | 1,200 | ... | 1,200 | Buldeo Singh, Cashier ... | 500 | ... | 500 |
| | | | | Balmokand, Contractor ... | 700 | ... | 700 |
| Total ... | 1,200 | ... | 1,200 | | 1,200 | ... | 1,200 |

LAHORE:
*The 20th January 1890.*

P. LAMBERT, COL., R. E.,
*Examiner, Public Works Accounts, Punjab.*

Punjab Government Press, Lahore—23-1-90—690.

No. 5 of 1890.

# SUPPLEMENT TO THE
# Government Gazette
## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 30, 1890.

## PART I.
## STATISTICAL.

**WEATHER AND CROP REPORT FOR WEEK ENDING 28th JANUARY 1890.**

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | Slight rainfall. | Fodder sufficient. | Stationary. | ... | Crops much in need of rain. |
| 2 | Delhi ... | 0·35 at Sadr. 0·36 in Sonepat. 0·85 in Balabgarh. | ... | Do. | ... | More rain wanted. Crops suffering from drought. |
| 3 | Umballa ... | Slight rainfall. | ... | Do. | ... | Crops much in need of rain. |
| 4 | Jullundur ... | 1·09 ... | Fodder insufficient. | Do. | ... | Condition of standing crops average. |
| 5 | Ferozepore ... | 0·19 in Zíra. 0·25 in Ferozepore Cantonment. 0·37 in Ferozepore City. | Fodder ample. | Do. | ... | More rain wanted. |
| 6 | Amritsar ... | 0·17 average ... | Fodder sufficient. | Do. | ... | More rain wanted for crops. |
| 7 | Siálkot ... | 0·75 ... | Fodder insufficient. | Do. | ... | Rain wanted. |
| 8 | Lahore ... | 0·15 at Lahore. 0·80 in Chunián. 0·88 in Kasúr. 0·20 in Sharakpur. | Fodder sufficient, but scarce at Sadr. | Do. | ... | Watering of crops going on. Prospects of standing crops on Cháhi and Nahri lands good. Rain still wanted for Baráni crops. |
| 9 | Mooltan ... | ... | Fodder plentiful. | Do. | ... | Crops in good condition. Rain much needed. |
| 10 | Ráwalpindi ... | 0·18 at Ráwalpindi. 0·3 in Fattehjang. 1·58 in Gujar Khán. 0·25 in Kahúta. 0·9 in Murree. | Fodder sufficient. | Rising. | ... | Condition of crops below average. |
| 11 | Shahpur ... | ... | Ditto. | Stationary. | ... | Crops withering for want of rain. |
| 12 | D. I. Khan ... | ... | Fodder-supply average. | Do. | ... | Condition of crops good. |
| 3 | Pesháwar ... | 0·12 ... | Fodder sufficient. | Do. | ... | Prospects of crops favourable on Abi lands. Rain wanted. |

*GENERAL REMARKS.*

Slight rain has fallen in most districts. Prices stationary except in Ráwalpindi where they are rising. Sowings of rabi crops over. Watering commenced. More rain urgently wanted throughout the Province. Condition of crops average. Crops suffering from want of rain in Delhi and Shahpur. Fodder sufficient in all districts, except in Jullundur, Siálkot and Sadr Lahore where it is scarce.

**F. A. ROBERTSON,**

*Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING DECEMBER 1889.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, Decr. 1889. | Normal direction and force, Decr. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | Humidity. | Vapour tension. | Amount of cloud : 10=overcast. |
| Delhi ... | 30·080 | — 011 | N. 83° W. 2 | N. 67° W. 3 | 52·2 | 78·5 | + 4·0 | 49·0 | + 0·6 | + 2·3 | 51 | ·198 | 1 |
| Sirsa ... | 30·074 | — 024 | S. 42° W. 4 | N. 33° W. 2 | 47·8 | 79·1 | + 4·3 | 42·4 | + 0·5 | + 2·4 | 67 | ·226 | 2 |
| Ludhiána ... | 30·050 | — 043 | N. 68° W. 2 | N. 30° W. 1 | 48·6 | 75·0 | + 3·6 | 44·4 | + 1·4 | + 2·5 | 68 | ·234 | 2 |
| Lahore ... | 30·082 | — 024 | N. 45° W. 1 | N. 36° W. 1 | 47·4 | 75·5 | + 3·5 | 40·8 | — 0·9 | + 1·3 | 72 | ·235 | 2 |
| Siálkot ... | 30·061 | — 028 | N. 49° E. 1 | N. 79° W. 1 | 48·2 | 73·9 | + 4·3 | 43·0 | + 1·4 | + 2·9 | 53 | ·183 | 2 |
| Ráwalpindi ... | 30·101 | — 026 | N. 58° W. 2 | N. 73° W. 1 | 44·3 | 70·8 | + 3·1 | 37·7 | + 1·8 | + 2·5 | 70 | ·213 | 3 |
| Peshâwar ... | 30·116 | — 016 | S. 10° W. 3 | S. 20° E. 2 | 45·1 | 70·8 | + 3·0 | 40·2 | + 2·5 | + 2·8 | 58 | ·177 | 3 |
| Dera Ismail Khan ... | 30·098 | — 023 | N. 48° W. 1 | N. 3° E. 1 | 46·7 | 75·5 | + 2·4 | 40·9 | + 1·3 | + 1·9 | 51 | ·159 | 2 |
| Mooltan ... | 30·089 | — 014 | N. 47° E. 1 | N. 14° E. 1 | 49·9 | 76·9 | + 3·2 | 45·0 | + 2·2 | + 2·7 | 62 | ·227 | 2 |
| Simla ... | 23·292 | + 031 | S. 43° E. ... | N. 61° W. 2 | 47·1 | 59·8 | + 3·4 | 43·2 | + 3·2 | + 3·3 | 33 | ·104 | 2 |
| Murree ... | 23·909 | + 002 | S. 61° E. 8 | S. 58° E. 6 | 46·0 | 57·4 | + 3·5 | 41·8 | + 2·0 | + 2·8 | 31 | ·007 | 2 |

THE very dry weather which has been characteristic of the present season over the Punjab has continued during December. In ordinary years this month is fine and settled until almost the close, when what are popularly known as the Christmas rains commence, and the weather becomes more or less unsettled. These rains are ordinarily the accompaniment of rather deep cyclonic disturbances which are either formed over or advance into the Province from the westward or north-westward. These disturbances break up the high pressure area which ordinarily exists over North-Western India; and the Punjab from being the seat of the highest pressures over India becomes that of the lowest pressures.

During the month under review pressure over the Punjab, though lower than the normal, has yet been steadily high when compared with that over other parts of India. On three occasions the high pressure area over the Province threatened to give way, and very feeble depressions were shown by the observations. The first occurrence was on the 4th and 5th. On the former date the barometer at Dera Ismail Khan and Jacob-abad fell briskly, and south-easterly winds were reported from Sirsa, Lahore and Murree, and on the 5th the observations showed a very slight depression over the east of the Province, which had been accompanied by rain at Peshâwar and Murree and a considerable increase of cloud at most stations. Again on the 13th the barometer fell rapidly in the Indus Valley, and the observations of the following day showed a very slight depression in the neighbourhood of Peshâwar. This depression, though accom-

panied by more cloudy weather, was not followed by rain. Again on the 18th strong south-easterly winds were reported from Murree, and a feeble depression giving slight rain to the North-West Himalaya was reported. It is worthy of note that after the 22nd of December the weather on the North-West Himalaya became more cloudy and had a less settled appearance than had formerly been the case, showing that the causes which ordinarily occasion rainfall at this season were in operation, though not sufficiently developed to occasion more than cloudy weather.

*Pressure.*—The table given above shows that the mean pressure has been below the normal average throughout the Province, the greatest deficiency being at Ludhiána, the least at Delhi. The highest pressure was reported from Peshávar, whence readings decreased in all directions, and was relatively low at Ludhiána, Siálkot, Delhi, Sirsa and Mooltan. At the hill stations there was a slight excess of pressure.

*Temperature.*—The deficiency of pressure, noticed above, was probably largely due to the high temperature which has prevailed throughout the Province. At all stations, both on the hills and plains, the mean day temperatures were from 2° to 4° above the normal, the greatest excess being at Delhi, Sirsa and Siálkot. In the case of the night temperatures the excess was less marked. At Delhi and Sirsa the excess was less than 1°, and at Lahore it disappeared and was replaced by a slight deficiency. *A sudden and rapid fall of temperature occurred over Baluchistán on the 6th, and this fall apparently spread eastward over Northern India, a cold period* being experienced over the Punjab from the 8th to the 12th. During this period the cold was confined to the plains stations, and the minima on the hills were frequently considerably higher than those recorded on the neighbouring plains. This was the only cold period throughout the month.

*Humidity and Cloud.*—Both the amount of cloud and the amount of humidity have undergone sudden and rather large changes during the month. The average amount of cloud is low, but, except on the hills, the dampness of the air has been very fairly normal. On the hills the air has been dry—at times excessively so.

*Rain.*—The rainfall of the month has again been abnormally light, and confined entirely to the extreme North-West of the Province. On the 5th a few drops of rain were reported from Pesháwar, and a slight shower from Murree. On the 6th Murree reported $\frac{1}{4}$th of an inch of rain, on the 18th a few drops, and on the 25th about $\frac{1}{10}$th of an inch, but with these exceptions there was no rainfall throughout the Province. The following table gives the dates on which rain was last recorded at the various stations within the Punjab :—

| | |
|---|---|
| Mooltan ... ... ... | August 25th. |
| Dera Ismail Khan ... ... | September 1st. |
| Pesháwar ... ... ... | August 12th. |
| Ráwalpindi ... ... ... | September 26th. |
| Siálkot ... ... ... | September 1st. |
| Lahore ... ... ... | September 17th. |
| Ludhiána ... ... ... | September 24th. |
| Delhi ... ... ... | September 24th. |
| Sirsa ... ... ... | September 5th. |
| Murree ... ... ... | November 3rd. |
| Simla ... ... ... | September 16th. |

These dates show clearly the long drought through which the Province is passing. The actual deficiency of rainfall at most stations is not very large, as the normal amounts for the latter part of September, October and November

are ordinarily small, but as a rule beneficial showers are experienced during these months. In December, however, the actual rainfall becomes largish, and the deficiency in the seasonal fall will rapidly increase if rain does not fall shortly.

The following table gives the rainfall datta for the Punjab Stations for December 1889:—

| Stations. | Normal average rainfall in December | Actual rainfall in December 1889. | Difference from the average in December 1889. |
|---|---|---|---|
| | Inches. | Inches. | Inches. |
| *Punjab, West.* | | | |
| Mooltan... ... ... ... ... | 0·07 | ... | — 0·07 |
| Dera Ismail Khan ... ... ... ... ... | 0·08 | ... | — 0·08 |
| Peshâwar ... ... ... ... ... | 0·15 | 0·02 | — 0·13 |
| Murree ... ... ... ... ... | 0·66 | 0·51 | — 0·15 |
| Râwalpindi ... ... ... ... ... | 0·63 | ... | — 0·63 |
| Siálkot ... ... ... ... ... | 0·41 | ... | — 0·41 |
| Lahore ... ... ... ... ... | 0·19 | ... | — 0·19 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 0·52 | ... | — 0·52 |
| Simla ... ... ... ... ... | 0·70 | ... | — 0·70 |
| Delhi ... ... ... ... ... | 0·38 | ... | — 0·38 |
| Sirsa ... ... ... ... ... | 0·30 | ... | — 0·30 |

SIMLA:
*The* 19*th January* 1890.

W. L. DALLAS,
*Meteorological Reporter to the Government of Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

*D* = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Week ending 12th January 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 6th. | Tuesday 7th. | Wednesday 8th. | Thursday 9th. | Friday 10th. | Saturday 11th. | Sunday 12th. | Total. | Special Remarks. |
| Gujranwala. | Rámnagar ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazírabád ... | 30th Augt. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 17th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabád ... | 31st Augt. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluana *c* | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *c* | 16th Do. ... | ... | ... | ... | ... | ... | ... | .. | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 19th JANUARY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of January* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 13th. | Tuesday 14th. | Wednesday 15th. | Thursday 16th. | Friday 17th. | Saturday 18th | Sunday 19th. | TOTAL. | SPECIAL REMARKS. |
| HISSAR. | Sirsa *s* | 3rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar *s* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hansi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 23rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 26th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 2nd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| ROHTAK. | Rohtak *s* | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Coháua | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GURGAON. | Farukhnagar | 23rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 27th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 3rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 23rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 30th Augt. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DELHI. | Ballabgarh | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mehrauli | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| KARNAL. | Pánipat | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | Clouds continue at intervals and a few drops of rain have fallen, but the prospects are still far from promising. |
| | Karnál *s* | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájaund | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 2nd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| UMBALLA. | Pipli | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa *s* | 27th August | ... | ... | ... | 0·03 | 0·02 | ... | ... | 0·05 | |
| | Naráingarh | 17th Septr. | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Kharar | Ditto | ... | ... | ... | ... | 0·17 | ... | ... | 0·17 | |
| | Rúpar | Ditto | ... | ... | ... | ... | 0·20 | ... | ... | 0·20 | |
| | Kotra *C* | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpore *C* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádúpur *C* | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| SIMLA. | Kasauli *s* | 5th Septr. | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | The crops sown will produce something. New sowings will be made but the produce will be small. |
| | Barauli | 15th Do. | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Simla *s* | 12th Do. | ... | ... | ... | ... | 0·21 | 0·24 | 0·30 | 0·75 | |
| | Kot Khái | 3rd Do. | ... | ... | ... | ... | 0·40 | 0·50 | ... | 0·90 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | 0·40 | 0·50 | ... | 0·90 | |
| | Kilba *s* | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| KANGRA. | Plách | 15th Septr. | ... | ... | ... | 0·30 | 0·40 | 0·10 | ... | 0·80 | |
| | Kulu *s* | 16th Novr. | ... | ... | ... | ... | 0·30 | 0·30 | ... | 0·60 | |
| | Nagar | 8th Septr. | ... | R. | R. | ... | 0·60 | R. | ... | 0·60 | |
| | Pálampur | 24th Do. | ... | ... | R. | ... | 0·20 | 0·20 | ... | 0·40 | |
| | Hamírpur | 14th Do. | ... | ... | ... | ... | 1·00 | 0·20 | 0·10 | 1·30 | |
| | Dera | 17th Do. | ... | ... | ... | R. | 0·20 | 0·10 | ... | 0·30 | |
| | Kángra | 24th Do. | ... | ... | ... | ... | R. | 0·20 | 0·10 | 0·30 | |
| | Dharmsála *s* | 11th Octr. | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| | Nurpur | 26th August | ... | ... | ... | 0·10 | 0·10 | 0·10 | ... | 0·30 | |
| HOSHIARPUR. | Dasúya | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 15th Do. | ... | ... | ... | ... | 0·10 | R. | ... | 0·10 | |
| | Garhshankar | 17th Do. | ... | ... | ... | ... | 0·20 | ... | ... | 0·20 | |
| | Sadr Station | Ditto | ... | ... | ... | ... | 0·10 | ... | R. | 0·10 | |
| | Hoshiárpur | Ditto | ... | ... | ... | ... | 0·10 | R. | R. | 0·10 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of January 1890. Monday 13th | Tuesday 14th. | Wednesday 15th. | Thursday 16th. | Friday 17th. | Saturday 18th. | Sunday 19th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 29th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | 17th Septr. ... | ... | ... | ... | ... | 0·11 | ... | ... | 0·11 | |
| | Nawashahr ... | 30th August ... | ... | ... | ... | ... | 0·14 | ... | ... | 0·14 | |
| Ludhiána. | Samrála ... | 24th Septr. ... | ... | ... | ... | ... | 0·15 | ... | ... | 0·15 | |
| | Ludhiána s | 23rd Do. ... | ... | ... | ... | ... | 0·12 | 0·11 | ... | 0·23 | |
| | Jagraon ... | 17th Do. ... | ... | ... | ... | R. | 0·03 | ... | ... | 0·03 | |
| Ferozepore. | Moga ... | 17th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore s | 31st August ... | ... | ... | ... | ... | R. | 0·06 | .. | 0·06 | |
| | Ferozepore city ... | 1st September ... | ... | ... | ... | ... | R. | 0·06 | ... | 0·06 | |
| | Muktsar ... | 23rd Do. .. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | Ditto ... | ... | ... | .. | ... | ... | ... | ... | ... | |
| | Nahána ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi s | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán .. | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan s | 24th Do. ... | ... | ... | ... | .. | ... | ... | ... | ... | |
| | Kabírwála ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 24th August ... | ... | ... | ... | ... | 0·04 | 0·02 | ... | 0·06 | |
| | Jhang s | 21st Do. .. | ... | ... | ... | ... | 0·02 | 0·02 | ... | 0·04 | |
| | Chiniot ... | 28th Septr. ... | ... | ... | ... | ... | 0·04 | 0·02 | ... | 0·06 | |
| Montgomery. | Gugera ... | 18th Septr. ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Montgomery s | 24th Do. ... | ... | ... | ... | R. | R. | ... | ... | ... | |
| | Pákpattan ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur .. | 18th Septr. ... | ... | ... | ... | R. | R. | ... | ... | ... | |
| Lahore. | Van C b | 19th Septr. ... | ... | ... | ... | .. | 0·10 | ... | ... | 0·10 | |
| | Chunián ... | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 29th August ... | ... | ... | ... | ... | 0·03 | ... | ... | 0·03 | |
| | Pambe C b | 17th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 29th August ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Niáz Beg C ... | 17th Septr. ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Lahore s | 31st August ... | ... | ... | ... | ... | 0·07 | ... | ... | 0·07 | |
| | Meean Meer C b | 1st September ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Manihála C .. | 27th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu C ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar C b | 24th August ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Khara C ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 31st Do. ... | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Raya C ... | 1st September ... | ... | ... | ... | ... | ... | 0·05 | ... | 0·05 | |
| | Jandiála C ... | 26th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | Ditto ... | ... | ... | ... | 0·09 | ... | ... | ... | 0·09 | |
| | Amritsar Tahsíl ... | 31st August ... | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Amritsar C ... | 27th Do. ... | ... | ... | ... | ... | 0·08 | 0·02 | 0·01 | 0·11 | |
| | Buggeh C ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | 29th Do. ... | ... | ... | ... | 0·02 | ... | 0·03 | ... | 0·05 | |
| Gurdaspur. | Aliwál C ... | 19th Septr. ... | ... | ... | ... | ... | 0·04 | 0·02 | ... | 0·06 | |
| | Batála ... | 29th August ... | ... | ... | ... | 0·04 | ... | 0·05 | ... | 0·09 | |
| | Kaler C ... | 24th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur s | 11th October. ... | ... | ... | ... | 0·02 | ... | 0·06 | ... | 0·08 | |
| | Bhímpur C ... | 12th Do. ... | ... | ... | ... | ... | 0·02 | ... | 0·08 | 0·10 | |
| | Pathánkot ... | 11th Do. ... | ... | ... | ... | ... | 0·10 | 0·10 | ... | 0·20 | |
| | Dalhousie s | 12th Do. ... | ... | ... | ... | ... | 0·30 | 0·10 | ... | 0·40 | |
| | Mádhopur C b | Ditto ... | ... | ... | ... | ... | 0·05 | 0·05 | ... | 0·10 | |
| | Shakargarh ... | 13th Septr. ... | ... | ... | ... | ... | ... | 0·11 | ... | 0·11 | |
| Siálkot. | Zafarwál ... | 24th Septr. ... | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Pasrúr ... | 30th August ... | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | Ditto ... | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Siálkot s | Ditto ... | ... | ... | ... | ... | ... | ... | 0·37 | 0·37 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of January* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 13th. | Tuesday 14th. | Wednesday 15th. | Thursday 16th. | Friday 17th. | Saturday 18th. | Sunday 19th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 1st September ... | ... | ... | ... | ... | 0·20 | 0·03 | ... | 0·23 | More rain urgently required. No green fodder to be had, but dry fodder sufficient. |
| | Gujrát ... | Ditto ... | ... | ... | ... | ... | 0·20 | 0·05 | ... | 0·25 | |
| | Khárián ... | 23rd Septr. ... | ... | ... | ... | ... | 0·20 | 0 10 | ... | C·30 | |
| | Phália ... | 1st Do. ... | ... | ... | ... | ... | 0 20 | 0·03 | ... | 0·23 | |
| GUJRANWALA. | Rámnagar ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | More rain urgently required for rabi crops. Prices stationary; fodder sufficient. |
| | Wazirabad ... | 30th August ... | ... | ... | ... | 0·10 | ... | 0·10 | ... | 0·20 | |
| | Sadr Kacheri s | 18th Septr. ... | ... | ... | ... | ... | 0 70 | 0·50 | ... | 1·20 | |
| | Shekhupura ... | 17th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána C ... | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C ... | 16th Do. ... | ... | ... | ... | ... | ... | 0·10 | ... | 0.10 | |
| SHAHPUR. | Midh s | 16th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 19th Do. ... | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Núrpur ... | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 19th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 17th Do. ... | ... | ... | ... | ... | 0·20 | ... | 0·30 | C·50 | |
| | Khusháb ... | 19th Do. ... | ... | ... | ... | ... | 0·17 | 0 15 | R. | 0·32 | |
| | Shahpur s | Ditto ... | ... | ... | ... | ... | 0·12 | ... | ... | 0·12 | |
| | Bhera ... | 16th Septr. ... | ... | ... | ... | ... | 0·15 | ... | ... | 0·15 | |
| | Miáni ... | 17th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 30th August ... | ... | ... | ... | ... | 0·05 | ... | ... | 0·05 | |
| | Sadr Station s | 18th Septr. ... | ... | ... | ... | ... | 0·12 | ... | 0·11 | 0 23 | |
| | Chakwál ... | 19th Do. ... | ... | ... | ... | 0·10 | 0·10 | ... | 0·20 | 0·40 | |
| | Talagang ... | 25th Do. ... | ... | ... | ... | ... | 0·12 | ... | 0·22 | 0·34 | |
| RAWALPINDI. | Pindigheb ... | 18th Septr. ... | ... | ... | ... | 0·10 | ... | 0·30 | ... | 0·40 | |
| | Fatahjang ... | Ditto ... | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Attock ... | 28th August ... | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Ráwalpindi s | 26th Septr. ... | ... | ... | ... | 0·10 | 0·08 | 0·39 | ... | 0·57 | |
| | Gujar Khan ... | 18th Do. ... | ... | ... | ... | 0·10 | ... | 0·28 | ... | 0 38 | |
| | Kahúta ... | 28th August ... | ... | ... | ... | 0·10 | ... | 0·55 | ... | 0·65 | |
| | Murree s | 30th Decr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| HAZARA. | Abbott-abad s | 25th Decr. ... | ... | ... | ... | ... | 0·14 | 0·11 | 0·47 | 0·72 | |
| | Mansahra ... | Ditto ... | ... | ... | R. | ... | 0·10 | R. | 0·50 | 0·60 | |
| | Haripur ... | 2nd Novr. ... | ... | ... | ... | ... | ... | R. | 0·40 | 0·40 | |
| PESHAWAR. | Swábi ... | 15th Septr. ... | ... | ... | ... | ... | ... | 1·50 | 1·70 | 3·20 | |
| | Lahore (Utman Bolak) | 29th August ... | ... | ... | ... | ... | R. | R. | 0 20 | 0·20 | |
| | Nowshera ... | 18th Do. ... | ... | ... | ... | ... | 0·10 | 1 30 | ... | 1 40 | |
| | Mardán s | 31st Do. ... | ... | ... | ... | ... | 0·30 | 0·10 | 0·10 | 0·50 | |
| | Katlang ... | 1st November ... | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Hashtnagar ... | 31st August ... | ... | ... | ... | ... | 0·10 | 0·10 | ... | 0·20 | |
| | Doáb Daudzai ... | 30th Do. ... | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Pesháwar s | 10th Do. ... | ... | D. | ... | 0·10 | 0·11 | 0·20 | ... | 0·41 | |
| KOHAT. | Kohát s | 26th Septr. ... | ... | ... | ... | ... | 0·26 | 0·32 | ... | 0·58 | |
| | Hangu ... | 21st Do. ... | ... | ... | ... | ... | 0·20 | 0·50 | ... | 0·70 | |
| | Karak ... | Ditto ... | ... | ... | ... | 0·15 | 0·25 | ... | ... | 0 40 | |
| | Thal s | 30th Septr. ... | ... | ... | ... | 0·12 | 0·53 | ... | ... | 0 65 | |
| BANNU. | Miánwáli ... | 14th August ... | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Isa Khel ... | 18th Septr. ... | ... | ... | ... | ... | 0·80 | 0·60 | ... | 1·40 | |
| | Bannu s | 30th August ... | ... | ... | ... | ... | ... | 0·50 | 0.50 | 1·00 | |
| | Marwat ... | 27th Do. ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| DERA ISMAIL KHAN. | Tánk ... | 16th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | 30th Do. ... | ... | ... | ... | ... | 0·09 | 0·58 | ... | 0·67 | |
| | D. I. Khan s | 2nd September .. | ... | ... | ... | ... | 0·05 | 0·40 | 0·15 | 0·60 | |
| | Bhakkar ... | 12th August ... | ... | ... | ... | ... | 0 03 | 0·25 | 0·05 | 0·33 | |
| | Leiah ... | 24th Do. ... | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| DERA GHAZI KHAN. | Sanghar ... | 15th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 27th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 20th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 9th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF REMARKS ON THE KHARIF CROP OF THE PUNJAB FOR 1889.

THERE has been an increase in the total area under kharíf crops in the Province as compared with the area of last year, both in irrigated and unirrigated lands. The late commencement and early and sudden cessation of the monsoon rains, as already reported, caused the cotton crop to be much below average in all but a few favoured districts. The condition of other kinds of crop varied much from place to place. The total increase is 636,400 acres or 6·4 per cent.

In the Delhi Division rain began late and ceased very early. There was none at all in most districts after August.

In Hissar only was the area cropped in excess of that of the previous year by 23 per cent., but the rainfall was partial and capricious, and the crops of very variable character. The principal increase was in the area sown with bájra. In all the other districts of the division there was a decrease in the area cropped.

Speaking generally, the total rainfall for June-September was much less than in the previous year. Hissar was the only exception to this. Outturn in general was average or below average.

*Jullundur Division.*

There has been little noticeable variation in the area under crop in the districts of this division from that of last year. In the hill district of Kángra the harvest was good. In Hoshiárpur, which is a hilly, sub-montane district, it was also good.

In the other districts of the division the crop was about an average one in area and outturn. Hoshiárpur and Jullundur were favoured by more rain in September than fell elsewhere.

*Lahore Division.*

Except in Gurdáspur which lies close to the hills, no rain whatever fell in September in any part of this division. Jhang had deficient rainfall in July, August, but the crops were average. In Amritsar they were also about average in area and outturn; in Lahore the early cessation of the rains did much harm, and the crops were below average. The harvest in the dry districts of Montgomery and Mooltan where the canals worked well was decidedly above average, and in the sub-montane tract of Gurdáspur it was exceptionally good.

*Ráwalpindi Division.*

Except in the Ráwalpindi District there was no rain in this division in September. In Siálkot the area increased, and the crops were fair; in Gujrát the crop on the whole was above average; in Gujránwála the harvest was considerably above average in area, 21 per cent., but owing to early cessation of rain below average in outturn.

In Shahpur the crop was up to average, as also in Jhelum.

In Ráwalpindi the area increased by 17 per cent. the harvest was good in the eastern portion of the district, fair in the centre, and poor in the west.

In the Pesháwar Division—in Kohát the area cropped increased, and harvest was about average; in Hazára, though the rains were considered untimely, the crop was either average or above it.

In the Deraját there was a very large increase in area cropped.—in Bannu 42 per cent., Dera Ismail Khan 61 and Dera Ghází Khan 22 per cent., and the harvest was in general good. The hill torrents were in a condition favourable to irrigation in Dera Ghází Khan.

Taking the Province as a whole, I think the crop must be classed as an average one.

# REPORT ON THE KHARIF HARVEST, 1889.

## HISSAR DISTRICT.

There was good rain in the first half of July in all tahsíls except Bhiwáni, but it was very partial. In the second half of July there was good rain in Hánsi Tahsíl, but very little elsewhere. There was good rain in August, but again partial. The rains then practically ceased, and so the kharíf suffered at the ripening time and rabi could not be sown. The result is that while bájra is a fairly good crop, and there has been in some parts a very good chari crop, the amount of jowár-grain has not been up to the average, and so far as grain is concerned, pulses (moth and múng) have been a failure.

The main feature of the harvest is the specially good outturn on the western part of the Fatahabad and Hissar tahsíls bordering on Bikaner, where this year there has been a bumper crop. The cattle and people of not a few of our villages have gone to Bikaner. The eastern part of Bhiwáni and Barwála tahsíls and the part of Hánsi Tahsíl (11 villages) bordering on Barwála are all very poor. In some villages there has been little or no crop at all—not even fodder. The rain came in thunder-storms which deluged some villages and left others without a drop. There are villages which have not had such a crop for many years and others which have got nothing. This is the case in Sirsa also.

The total area of jowár and chari cropped remains much the same as last year, but is somewhat less as the Jangal chak of Budhláda is now included. There has been a large increase in bájra from 4,28,331 to 6,21,505 acres. These two crops account for two-thirds of the whole area cropped. There has been an increase in both in Hissar, Fatahabad and Sirsa: and these tahsíls were specially favoured by the rain. In Hánsi and Barwála there has been a decrease in both crops: and in Bhiwáni a decrease in Jowár, which is sown in the Hariána or eastern circle, where the crop has been very poor, and an increase in bájra, which is sown mostly in the Bágar or western circle, where the crop is on the whole somewhat under the average, but is better than the Hariána circle. Roughly speaking the western part of the district was fair, in parts above the average, and the eastern part poor, generally below the average.

There has been an increase in the area of moth cropped—

| | 1889. | 1888. |
|---|---|---|
| Moth ... ... ... | 1,18,171 | 85,754 |

but múng is only half what it was—

| | | |
|---|---|---|
| Múng ... ... ... | 32,200 | 62,044 |

There has been a large decrease in moth and múng in Hissar, Hánsi, Bhiwáni and especially in Barwála. On the other hand, there has been an increase in Fatahabad and Sirsa. Nowhere, however, was the outturn of grain good.

The area under cotton has risen, and under indigo has fallen. The price of indigo seed fell to a very low figure in consequence of large stocks in hand : and the people on the canal have returned to cotton, which is less of a speculation.

Taking the district as a whole, the crop is certainly under the average : but in parts the crop has been very good, and in other parts *nil.*

The effect of the failure of the rains will be most marked in the rabi.

## ROHTAK DISTRICT.

Although there was no rain in June, the usual kharif sowings were made towards the end of the month, and as rain fell in July and August the crop promised well ; but the utter failure of rain in September destroyed them almost entirely in parts of the Rohtak and Jhajjar tahsíls,—so much so that there was not even sufficient fodder for cattle. The cotton crops on rain lands also failed, but those on canal lands, including sugar-cane, have given a good outturn.

## GURGAON DISTRICT.

West of a line running from Gurgaon to Rewári the crops are mostly poor. East of this, Fírozpur, Nuh most of Palwal, are rather above average. Gurgaon on lands near bands above average, but the mass fair ; a few places poor. Jowár good ; bájra moderate to fair ; cotton on the whole inferior ; masina inferior.

## DELHI DISTRICT.

*Rice.*—A full crop. The area sown was larger than last year.

*Maize and Jowár.*—An average crop. Fodder not sufficient.

*Bájra* —Below average, for want of rain after August.

*Moth, Múng, Másh.*—An average crop.

*Sugar-cane* —Below average for want of timely rainfall.

*Cotton.*—Below average, for want of rain and owing also to strong winds.

Rates were high on account of exports.

*General Remarks.*—There was no rain in the beginning, then an unusually heavy fall set in, and subsequently there was no rain at all, therefore bàjra, sugar-cane and other crops were not very good. Only rice was good.

## KARNAL DISTRICT.

Cotton sowings were commenced in May, when some showers occurred and gave an impetus to ploughing generally, but the regular monsoon was late, and though a smart shower (over an inch at Karnál) took place early in June, the total rainfall in that critical month was markedly deficient.

In July some heavy rain visited the Indri tract, but the supply was otherwise light, especially in the Pánipat Tahsíl, and the crops, especially jowár, began to suffer.

During this month the canal was closed also, and this is believed to have produced loss in two distinct ways,—by cutting off irrigation, namely, in the Karnál Nardak and Pánipat Bángar, and by adding to the Jumna floods which worked extensive mischief in the Khádir of Karnál and in certain estates of the Pánipat Khádir.

In August fair showers were reported from different points, but in the Kaithal tract and the Nardak, too, the rain was still insufficient, while in September it practically failed throughout the district.

Rice was perhaps an average crop, though the inundation from the Chautang and Nai Naddi did not reach the lower villages,—a result which is partly attributed to the misconduct of certain villages, and particularly Saunkhra, in replacing dams which had been removed in the first instance.

Cotton was largely sown, but the yield is understood to be poor, and the still standing crop bears witness to the disappointing character of the season.

The stalks are much "drawn" by the hot sun, and the pods are few and small, comparatively, having formed badly for want of seasonable moisture. Even in irrigated plots this is observable.

Cane was also a comparatively light crop ; the figures are explained in the comparative statement herewith attached.

Maize and til were about an average.

A comparative table is appended showing area (in acres) under certain leading kharíf crops during 1888 and 1889 respectively, together with the increase and decrease respectively in area cropped, with percentage and explanations.

| Crop. | Kharif, 1888. | | | Kharif, 1889. | | | Difference. | | | Percentage of Increase or Decrease. | Explanation of Increase or Decrease. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Irrigated. | Unirrigated. | Total. | Irrigated. | Unirrigated. | Total. | Irrigated. | Unirrigated. | Total. | | |
| Rice ... ... ... | 11,097 | 47,471 | 58,568 | 13,375 | 51,041 | 64,416 | + 2,278 | + 3,570 | + 5,848 | + 9·98 | The rains were on the whole favourable for rice except in parts of Kaithal and the Nardak. |
| Maize ... ... ... | 2,560 | 18,692 | 21,252 | 6,493 | 16,441 | 22,934 | + 3,933 | — 2,251 | + 1,682 | + 7·81 | Maize is less dependent on the season than jowár, being mainly grown on well lands. |
| Jowár ... ... ... | 782 | 1,21,531 | 1,22,313 | 141 | 94,884 | 95,025 | —641 | — 26,647 | — 27,288 | — 22·31 | This great falling-off is due to the lightness of the rainfall in Pánipat and Kaithal, and the failure of the autumn showers throughout the district. |
| Til ... ... ... | 44 | 4,370 | 4,414 | 351 | 5,120 | 5,471 | + 307 | + 750 | + 1,057 | + 23·94 | The dry autumn was perhaps favourable to this staple. |
| Toria ... ... ... | 138 | 2,212 | 2,350 | 360 | 867 | 1,227 | + 222 | — 1,345 | — 1,123 | — 47·78 | The falling-off is due to want of rain in August for sowings. |
| Cotton ... ... ... | 12,022 | 19,716 | 31,738 | 20,097 | 14,805 | 34,902 | + 8,075 | — 4,911 | + 3,164 | + 9·97 | The season ran well enough for cotton sowings, and the area under cotton was extended; but the outturn is doubtful, and generally perhaps light. |
| Indigo ... ... ... | 7,601 | 187 | 7,788 | 4,731 | 316 | 5,047 | — 2,870 | + 129 | — 2,741 | —35·19 | This staple failed largely in the Pánipat Tahsíl owing to autumn drought. |
| Sugarcane ... ... | 13,025 | 2,599 | 15,624 | 6,793 | 2,029 | 8,822 | — 6,232 | — 570 | — 6,802 | — 43·53 | The contraction of sugarcane cultivation is mainly due, no doubt, to the market having been glutted in recent previous seasons, but loss also accrued in the Khadir owing to floods, and, in the Pánipat Bángar, it is said, owing to interruption in the canal supply. |

Taking the net results by circles, the harvest may be thus described—

TAHSIL KARNAL.

*Parganah Karnál.*

| | |
|---|---|
| *Khádir* ... ... ... ... ... | Under average. |
| *Bángar* ... ... ... ... ... | Fair. |
| *Nardak* ... ... ... ... ... | Poor. |

*Parganah Indri.*

| | |
|---|---|
| *Khádir* ... ... ... ... ... | Average. |
| *Bángar* and *Nardak* ... ... ... ... | Under average. |

TAHSIL PANIPAT.

| | |
|---|---|
| *Khádir* ... ... ... ... ... | Fair (except jowár which was poor). |
| *Bángar* ... ... ... ... ... | Fair. |

TAHSIL KAITHAL.

| | |
|---|---|
| *Pawádh* ... ... ... ... ... | Below average. |
| *Bángar* ... ... ... ... ... | Poor. |
| *Nardak* ... ... ... ... ... | Below average. |

Over all a below average harvest.

**Fodder.** Fodder millet was a stunted crop almost everywhere, and by the end of August was pronounced a failure by the cultivators generally; while much of the jowár that was sown for grain had in the end to be utilized as fodder.

## UMBALLA DISTRICT.

The summer rains were much less than in 1887 and 1888. Indeed, so far as the rainfall was concerned, the seasons resembled very much the kharíf of 1886. Sufficient rain did not fall in June, but there was abundant rain in July. In August the rainfall was below the average, while almost complete drought prevailed in September, and this has continued up to date. The crops were in a fair condition up to the middle of August; but no rain having fallen in September, great apprehension was felt as to their maturity. Fortunately, however, much damage has not been done to the maize and sugar-cane crops.

The other crops have all suffered considerably, and the yield is below the average.

## SIMLA DISTRICT.

## KANGRA DISTRICT.

The area under crops rose from 3,23,078 acres in khar f 1888 to 3,36,447 acres in the kharíf under report.

The increase occurred principally in the staple crops of rice and maize and in other pulses and cotton, and is due directly to seasonable rainfall. On the other hand, there seems to have been a considerable falling-off in the acreage under tea, which is returned at 4,088 acres against 9,152 acres, and the explanation is that, as far as natives are concerned, food-grains are fast superseding tea, which is neither so profitable nor so easily disposed of. The outturn on the whole was that of a good average harvest.

## HOSHIARPUR DISTRICT.

The total area under crops was 3,80,552 acres as compared with 3,80,797 acres in 1888-89, showing a difference in area of 245 acres only. The area under rice, chari, til, cotton and indigo was larger than in the past year, the increase under cotton and indigo being especially marked as shown below :—

| | 1888-89. | 1889-90. | Difference. |
|---|---|---|---|
| Cotton ... ... ... | 19,263 | 27,679 | + 8,416 |
| Indigo ... ... ... | 1,266 | 2,789 | + 1,523 |

On the other hand, the area under cane was 31,707 acres only as against 39,285 acres in 1888-89, making a deficiency of 7,578 acres, nearly equal to the increased area sown with cotton.

The area under maize and másh was also less than last year, the deficiency in area amounting to 3,514 and 3,450 acres respectively.

Variations in the area under other crops have been unimportant. As regards the quality of the harvest, the maize crop was good everywhere and in parts excellent; and as maize is the principal autumn crop in the district, the area sown having been 1,40,358 out of a total area of 3,80,552 acres under crops, the harvest must be considered at least average. The pulses yielded well in some places and badly in others, and the rice crop was fair. The cotton crop, however, has been a very poor one, and the cane is suffering from the prolonged drought, rain having ceased entirely at the beginning of September.

## JULLUNDUR DISTRICT.

In tahsils Jullundur and Nawashahr the crop of maize has been good, while the other crops were ordinary average. In tahsils Nakodar and Phillour maize, sugar-cane and cotton crops were ordinary average and the others three-fourths of an average crop.

## LUDHIANA DISTRICT.

The outturn of the kharíf crop on cháhi and canal lands was generally good, except cotton, of which the outturn was average. The outturn on báráni lands was average owing to insufficient rain.

## FEROZEPORE DISTRICT.

*Note on the harvest for the part not under Settlement by Deputy Commissioner.*

The following are the principal variations in areas under the different cereals and pulses, oil-seeds, fibres, &c., between this and the previous year :—

| | *Kharif*, 1888. | *Kharif*, 1889. | *Difference.* |
|---|---|---|---|
| Rice ... | 10,503 | 11,141 | + 638 |
| Maize ... | 41,735 | 41,478 | — 257 |
| Jowár and chari | 2,38,840 | 2,47,378 | + 8,538 |
| Bájra ... | 1,10,483 | 1,46,145 | + 35,662 |
| Moth ... | 72,048 | 84,797 | + 12,749 |
| Másh ... | 20,429 | 18,105 | — 2,324 |
| Oil-seed—Til ... | 14,996 | 7,958 | — 7,038 |
| Cotton ... | 13,744 | 11,864 | — 1,880 |

It will be seen that there was a large increase under *bájra*, moth, jowár and chari, but a large falling-off under oil-seed—*til*, másh and cotton.

The summer rains were very opportune for the kharif sowings, but the rains ceased very early, and the crops had to depend on canal or well irrigation for maturing ; consequently the crops on unirrigated lands were somewhat below the average. The kharif crop in general of the district was an average one.

*Note on the harvest for the portion under Settlement by Settlement Officer.*

The returns of last year's kharíf were not prepared in the Settlement Office. From the vernacular returns in the Kánúngo's possession, however, it would seem that the present return is much above that of last year. The crop must nevertheless be below the average ; for the rains were short, ceased early, and in the western side of the Muktsar Tahsíl a very large proportion of the unirrigated crops dried up.

## MOOLTAN DISTRICT.

The below statement indicates that the harvest has been good in all the tahsíls of the district, and from all that I hear the zemindárs seem to be very well satisfied with their kharíf crops. The canals worked well, and the river floods were favourable. There is an increase in every tahsil under both irrigated and unirrigated areas:—

| YEAR. | MOOLTAN. | | SHUJABAD. | | LODHRAN. | | MAILSI. | | KABIRWALA. | | TOTAL DISTRICT. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. |
| 1888 ... | 60,621 | 5,262 | 34,487 | 607 | 47,581 | 55 | 60,570 | 328 | 42,343 | 2,093 | 245,602 | 8,345 |
| 1889 ... | 68,834 | 7,590 | 38,254 | 1,344 | 59,688 | 255 | 64,365 | 3,107 | 46,174 | 3,240 | 277,315 | 15,536 |
| Difference ... | + 8,213 | + 2,328 | + 3,767 | + 737 | + 12,107 | + 200 | +3,795 | +2,779 | +3,831 | +1,147 | + 31,713 | +7,191 |
| Crops in which the largest increases in area are found. | Rice, jowár, churree, bájra, til, cotton and indigo. | Másh and til. | Rice, cotton and indigo. | Bájra and til. | Rice, jowár churree, cotton and indigo. | ... | Cotton and indigo. | Til and bájra. | Jowár, churree, til, cotton and indigo. | Til. | ... | ... |

## JHANG DISTRICT.

*Jhang Tahsíl.*—The total irrigated area in the tahsíl has risen from 30,179 in kharíf 1888 to 32,129 in the present harvest, an increase of 1,950. This increase is nearly counterbalanced by the decrease in the unirrigated area which has fallen from 16,862 to 15,053 acres. The increase is chiefly in jowár, til, makki and sugar-cane, while there is decrease in cotton, rice, chína, múng, másh, kangni and vegetable.

The increase in jowár which is one of the important kharíf staples is due to the fact that there was a sufficient and more rain than last year at the time of its sowing, and consequently a larger area was sown.

The decrease in the crops noted above is owing partly to the want of floods on the Chenab river which did not overflow, and partly to the crops on the low lands having suffered considerably from the heavy floods of the Jhelum river. Water-melons produced in the Thal lands had formerly been included into vegetables, but they have now been shown separately in column 35.

*Chiniot Tahsíl.*—In this tahsíl both the irrigated and unirrigated areas show a decrease of 223 and 3,928 acres respectively. Except a slight increase in jowár and cotton, there has been decrease in all other crops, which may be accounted for by the facts that there was not a sufficient rainfall at the sowing season. The rainfall of the months of July and August 1889, when most of the crops are sown, amounted to 6·4 against 8·4 in the corresponding months of the preceding year, and the Chenab river did not flood.

*Shorkot Tahsíl.*—There has been an increase of 2,573 acres in the total area under all crops, *i. e.*, irrigated crops 905 and unirrigated crops 1,668. The increase is principally in til and jowár, the area of which rose from 1,159 to 3,433 and from 9,522 to 10,943 acres respectively. The only reason assigned by the Tahsíldár for this increase is that the sailáb lands on the banks of Jhelum-Chenab lands were well flooded, and til which is found to be most profitable was sown in a larger area. There is decrese in múng, chína and kangni.

Taking the whole district, there is an increase of 2,632 acres of irrigated crops, but a decrease of 4,069 acres of unirrigated crops.

The produce of the crops generally was good with the exception of cotton, which was an average crop on well lands and below average on sailáb and báráni lands.

## MONTGOMERY DISTRICT.

*Rainfall.*—The monsoon rains began at Montgomery on 30th June and were general throughout the district. The autumn crops were sown seasonably. In volume the rains were above the average in the Gugera and Montgomery Tahsíls, and average in the Dipálpur and Pákpattan Tahsíls, and there was no break in them, although they ceased unusually early, very little rain falling in September. It was only in the tract around Kamália that there were any complaints of a short rainfall.

*Canals and river floodings.*—The Ravi rose in high flood early in the season, attaining a height of 17 feet at Chichawatni bridge in June. During the rest of the season it never rose to any considerable height.

The flow in the Deg was exceptionally short, and the canal only flowed during 30 days.

On the Sutlej the river floods were distinctly favourable. The canals began to flow on 17th May and continued flowing till 15th October.

*Cultivation.*—The total cultivated area this season was 155,214 acres as compared with 140,963. An area of 6,465 sown on Kasht baráni season leases has been included in the return for the first time this year. The total area cultivated was thus 161,679 acres. In the Montgomery Tahsíl, owing to the short rainfall towards Kamália, and the absence of flooding in the Ravi after June, the cultivated area fell from 13,070 acres to 12,122. The people on the river thought that it would rise in flood again, and so generally neglected to take advantage of the sowing season.

In the other tahsíls there was an increase of cultivation due in Gugera to the development of the Deg Canal irrigation and the exceptionally good rainfall, and in the Dipálpur and Pákpattan Tahsíls to the development of irrigation from the Pára Sohág Canal.

*Produce.*—The produce of all crops except jowár has been above the average. In jowár the grains were generally small and the stalks short, and there were some complaints of insect ravages in the Gugera Tahsíl. The til and cotton crops were generally excellent.

On the unirrigated lands in the Gugera Tahsíl these crops were better than they are in ordinary seasons on irrigated land.

## LAHORE DISTRICT.

Under irrigated crops the figures for kharíf 1889 are wonderfully close to those for the previous harvest.

A slight increase appears under rice and maize in each tahsíl. Sharakpur has the largest increase under rice,
amounting to nearly 3,000 acres. The area sown on the "Deg floods" early in July was very large. Most of
the tahsíl was in flood from the 9th to the 22nd, and whenever the Sharakpur people can sow rice they will do so.
In August they had rain on the 16th, 17th and 18th, which must have kept the Deg going well into September, but
after the 18th no rain worth noting has fallen in Sharakpur. The reports for September showed that the rice crops
were already drying up fast. The floods had disappeared entirely. On the lower portion of the Deg the jhallárs
were mostly at a stand-still for want of water. On the eastern half of the channel jhallárs were able to work
most of September, and the crops recorded as ripened probably belong almost entirely to that portion of the
tahsíl. I suspect, however, the figures supplied in the accompanying statement represent rather the pickings of a
very wide area after large deductions for the portions spoilt, rather than the accumulation of a few choice crops in
especially advantaged ground.

Irrigated cotton shows a large falling-off due entirely to the zemindárs having made up their minds very
early in the year that they were to be fortunate with their cotton on the unirrigated land. They therefore sowed
less cotton than usual both on their well lands and on the canal-irrigated land.

The area under sugarcane was slightly less than in the previous year, and I expect to see a similar falling-
off next year. The people are beginning to find out that the Manjha soil is not suited to sugarcane.

The outturn of maize and cotton, particularly the latter, was better than in the previous year. I have heard
no complaints of the cotton having been diseased, as was the case in 1888.

Of unirrriated crops cotton shows a very large increase, but the actual outturn of cotton was probably little better than in the previous year, if we take the irrigated and unirrigated crops together. What I have said above of the rice applies equally to the unirrigated cotton. There was not a single good crop anywhere. The figures show simply how much area the Patwárís and Girdáwars chose to record as having ripened. Their estimate in the first place was, generally speaking, considerably in excess of the truth, and, secondly, in a large number of estates this process of decline through drought which the cotton had been undergoing since the middle of September continued at a still faster rate after crop inspection was over.

Jowár and chari taken together show an increase over last year's figures, but the spoilt crops of jowár as of cotton were greatly under-estimated by the recording officials.

The progress of the autumn harvest may be summarised as follows. The good supply of rain we had in February followed by showers in March enabled very extensive tracts to be sown with cotton. The crops promised well throughout June, when in various parts of the district slight rain fell. Heavy rain fell everywhere on the 7th, 8th and 9th of July. Baráni sowings were commenced and a splendid cotton crop seemed a certainty. After that rain was anxiously awaited throughout the remainder of July and the first-half of August. There was no general rainfall, and by the 15th of August large areas of cotton, jowár and moth had withered up and were lost. Rain fell in most parts on the 16th, which saved for a time the crops that had been able to hold out so far. After that date the district got no rain, and by the middle of October all hope of even an average baráni crop for kharif 1889 was at an end. The damage done by the early cessation of rain cannot be estimated by the figures merely, which, as I have said before, represent rather the workings of the Patwárís' minds than actual results. I have seen the baráni crops in most parts of the district, and they were bad.

## AMRITSAR DISTRICT.

The rainfall was almost in every respect similar to that of last year, being only slightly heavier. As regards locality, the average over the most of Tarn Táran was 11·3 inches, in Amritsar 16·3, and in Ajnála 15·8. But parts of Tarn Táran to the south-east on the border of Amritsar Tahsíl and to the north-west by Atári on the Upper Kasúr border had a much larger share than the central part of the tahsíl. As regards time, the district average for June was 2·1 inches, July 5·2 inches, and August 8 inches. There was but little in May, and none in September. A break from 20th July to 7th August was unfortunately timed, and had a distinct effect on the harvest outturn in Tarn Táran.

The total cultivation hardly differed from that of last year. The irrigated area, however, decreased by about 2 per cent., and the báráni gained the same amount. This mainly took place in Tarn Táran.

Rice was a good crop, and the area sown was large, being 9 per cent. more last year. Maize suffered a little in Tarn Táran from the break in the rains, but the area shows an increase of 2 per cent. Jowár was stationary, and the crop was a very fair one, but heavier in yield of fodder than of grain. Pulses fell-off by 20 per cent. as compared with last year's crop, but that was an exceptional one. The decrease is traceable to a local break in the rains, lasting nearly a month at sowing time, which occurred in the Jandiála Circle of Amritsar and the adjacent light lands in Tarn Táran, where pulses are much grown. Til shows even a larger decrease, due no doubt to the same cause. Toria was a good deal sown to replace early sown maize which had failed, and it is giving a good outturn. Cane again shows a large falling-off, and this is as usual most marked in Tarn Táran. This is likely to continue so long as wheat remains at a high price relatively to gur, and the Canal Department charge for irrigating cane double what they take for wheat. It requires also double labour, and occupies the ground twice as long. In 1887 the cane area of Tarn Táran was 10,700 acres. This has now fallen to 3,807. The crop, however, has been a good one, and the complaints of tela are fewer.

After two years of short sowings cotton has this year occupied a large area, equal to that of 1886. It was very largely sown in báráni land with the help of the moisture left in the ground by the copious rain of February. This is the chief feature of the season's harvest. The yield of báráni cotton has not been what was expected by those who sowed it. Other crops call for no remarks.

On the whole the season was a fair average one all over the district, and superior to last year's, especially in the matter of fodder. The yield of grain in báráni land was still light, and the sowings of pulses small. Irrigated crops were much as usual, save that rice, maize and cotton are supplanting cane.

## GURDASPUR DISTRICT.

The harvest was on the whole an exceptionally good one. Rainfall was all over the district abundant and seasonable. Fortunately the inundation came early and so did not do much damage to the crops.

The total area under kharif during the year was 430,613 acres—irrigated 98,594 acres and 332,019 acres unirrigated—and shows an increase of nearly 10,000 acres over last year's area, which again was 37,000 acres in excess of that of 1887.

Rice, one of the principal staples of the district, was extensively cultivated, and shows an increase of 26 per cent. over the last harvest. The increase mainly occurred in the unirrigated areas in Gurdáspur. The crop, except in a few of the Pathánkot Hill Circle villages, was very fine and the best that has been reaped for some years.

Sugarcane fell-off by 2,470 acres, but the area under this crop last year was enormous, and in Batála, where the falling-off mainly occurred, no further increase can well be looked for, as the area suitable for this staple is limited The cane is quite free from disease, and the outturn should be heavy. The market is still dull, and this may have a deterrent influence on any further extension.

The area under cotton was 63 per cent. more than what it was during the last harvest. The cultivation was greatly facilitated by the heavy showers during the months of February and March last, and the crop throw well, except in parts of Batála, under the seasonable rainfall in July and August last.

The season was also favourable for maize, which kept well up to last year's area. The outturn was excellent, as this crop rather benefits by an early cessation of the rains.

The area under másh and mung has now, as directed, been separately shown, but latter crop does not find much favour in this district, and it is hardly worth while taking the trouble to discriminate it. Másh in places did not do very well and the area is rather short. Moth was a great success on the Maira land, and the outturn of both grain and straw was very heavy.

The great difference in the area under jowár as compared with last year is attributed to the fact that the bulk of the area sown with this crop has been this year correctly shown as fodder, and therefore excluded from this head and included under the latter head.

The area under til was slightly in excess of last year, but the outturn was not so good, as the early flowers were damaged by high winds and pods did not form.

The other crops do not call for special remarks.

Hemp and other fibres have been separately shown, but here again the refinement was unnecessary.

The result of the harvest may be summarized as follows :—A large increase in area over the heavy crop of 1888. Másh and til did not turn out well. Moth and rice were a great success, and maize and cane were also much above the average, so that another excellent kharíf can be placed to the credit of the district.

## SIALKOT DISTRICT.

The total area under crops this year exceeds that of last year by 24,891, *i.e.*, an increase of 7 per cent. The salient feature of this harvest is the enormous increase of the area under *rice*. In Pasrúr the unirrigated area has fallen-off by 50 per cent., while the irrigated area has increased by about 70 per cent. The whole increase is 50 per cent. This is almost entirely due to the construction and repair of the "bands."

In Raya the rain area has decreased by over 30 per cent., and the irrigated area has increased by 50 per cent, making a net increase of 20 per cent.

In Daska the same results are visible ; only the area has increased by 100 per cent.

In Siálkot there is a decided increase, and in Zaffarwál a decided decrease on both kinds of land.

*Maize* has increased on both lands.

*Jowár* has increased on the whole, but has declined on irrigated lands.

*Bájra* has remained much the same.

*Mung and másh* have decreased considerably, and the failure of the late rains has injured the general outturn.

*Cereals and Pulses* have increased on the whole by 10 per cent., the increase being mainly on irrigated lands.

*Oil seeds* have declined on the whole by nearly 10 per cent.

*Sugarcane* has decreased on the whole by over 6 per cent., and this decrease is almost entirely on irrigated lands in the Siálkot and Zaffarwál Tahsíls.

*Cotton* has been reported on separately. On the whole harvest is a good one.

## GUJRAT DISTRICT.

Compared with last year, the return shows an increased area of 16,000 acres in the district. The increase for different crops is—cotton, 19,000 acres ; jowár, 2,000 ; mung and moth, 6,000. The decrease is—maize, 3,000 ; bájra, 6,000 ; swánk, 1,000 ; sugarcane, 2,000 acres. The large increase under cotton is due to the timely rain that fell at the time of sowing, the area under this crop in Tahsíls Kharián and Phalia being double that of last year.

The year was especially favourable to crops on rain land, bájra and jowár in the Bár being especially good Rain fell during the first fortnight of July and continually through the month of August ; it then ceased. Had there been rain during the first fortnight of September the yield would have been heavier than it was. Crops in reverain lands suffered from heavy floods in both the Chenab and the Jhelum. The return for Gujrát shows a decrease as compared with last year in the area of sugarcane. The only reason I can give for this decrease is that the land was flooded from the streams that come from the hills, and so rendered the land unfit for cane cultivation this year. I consider that the kharíf was up to the average in the greater part of the district, but above the average in the high lands to the north of the district and in the Bár land to the west.

## GUJRANWALA DISTRICT.

The rains in March and April were very favourable for jowár, cotton and sugarcane, and the heavy rains in July for sowing jowár, moth, til, mung and other báráni crops. In consequence the area sown is one of the highest yet recorded, being 305,488 acres as against 265,031 in kharíf 1888 and 284,139 in 1887. The increase was entirely in unirrigated crops, of which 158,884 acres were sown against 107,452 in 1888,—an increase of over 51,000 acres. Irrigated crops show a decrease of 2,000 acres sown in the Háfizabád and Gujránwála Tahsíls. And the area under unirrigated crops increased by over 10,000 acres in Wazírabád, by over 8,000 acres in Háfizabád, and by over 32,000 acres in Gujránwála. The harvest promised to be an excellent one up to the end of August, but subsequently no rains fell in any tahsíl ; and in the Háfizabád Tahsíl, where the zemindárs had ceased working their wells, owing to the influx of canal irrigation, the canal suddenly dried up. The result was a considerable failure of the unirrigated crops in Gujránwála and Háfizabád, and a rather poor outturn of the irrigated crops all over the district. The percentage of failure was, however, less than in 1888, though greater than in 1887. The figures are—

| | *Total sown.* | *Failed.* | *Came to maturity.* |
|---|---|---|---|
| Kharíf 1889 ... ... ... | 305,488 | 23,513 | 281,975 |
| Ditto 1888 ... ... ... | 265,031 | 32,179 | 232,852 |
| Ditto 1887 ... ... ... | 284,139 | 25,282 | 258,897 |

Of the more valuable crops, rice shows an increase in round figures in the area reaped, which went up from 16,000 to 21,000.

| | | | | | | |
|---|---|---|---|---|---|---|
| Maize, | from | 19,000 | to | 22,000 | ... Increase | 3,000 |
| Sggarcane, | " | 19,000 | " | 22,000 | ... Ditto | 3,000 |
| Cotton, | " | 26,000 | " | 39,000 | ... Ditto | 13,000 |

There is no decrease worth considering. Of the less valuable crops, grown chiefly on unirrigated land, jowár increased from 66,000 to 82,000, and moth from 18,000 to 38,000. There was no appreciable decrease of any crops. The outturn of cotton was not as good as was anticipated. The stalks were healthy, and reached a great size, but the flower was small. Sugarcane was a good crop all round, though it suffered to some extent from the failure of rains in September. The outturn of maize was generally good. The rice crop was very good in the dry tract, but failed considerably in the canal lands of the Háfizabád Tahsíl, where it was sown rather late, the zemíndárs being still new to its cultivation. It was also below the average in the sailáb lands of Wazírabád and Háfizabád. The jowár crop was very fine in the Háfizabád Bár, and fair over the rest of the district. Til was a good crop generally, but mung and moth failed largely, and much of these crops was not reaped at all, but left to be grazed by the cattle.

The general result of the harvest may be summed up by saying it was above the average in area and somewhat below the average in outturn.

## SHAHPUR DISTRICT.

The rabi crop of 1889 was a bumper crop, and there was less fallow land than usual to sow for the kharíf. The monsoon rains began about the usual time and were favourable for sowing, and with few exceptions all parts of the district received fairly opportune showers from time to time, and the kharíf crop on the whole ripened well and gave fair outturn. The area harvested is 209,000 acres which, though less than the 215,000 acres harvested last year and the 210 000 harvested in 1887, is much above the average of previous years. The decrease as compared with 1888 and 1887 is due to the large area reaped in the previous rabi, and to the tendency observable to retain more and more of the cultivated land for wheat. Only 17,701 acres failed to produce a crop, being 8 per cent of the area sown against 10 per cent last year. All over the district the crop may be said to be up to the average, and there is now a large amount of fodder of all kinds everywhere, the cattle are in good condition, prices low and the people prosperous. The Thal especially, which had suffered so much from a run of bad years, has now had a fair amount of rain, producing a good growth of grass. The cotton crop though larger in area than last year is still much below the previous average; the outturn has been poor and prices are high.

## JHELUM DISTRICT.

The kharíf was sown under favourable circumstances after the rains of June and July.

Though the area sown was less than in the last kharíf, the area cropped was more (being less kharábah) this year than in the last.

The rain in August was sufficient for growth of the crops, but the deficiency of rain in September, and its total absence in October, affected the outturn to some extent.

Taking the district as awhole, the bájra, makki and jowár crops have been average.

In Tahsíl Jhelum the outturn was good; in Tahsíl Chakwál and Pind Dádan Khan average; and in Talagang poor, *viz.* 81 to 94 of the scale prescribed in Circular No. 56 of 1886.

The *moth* and cotton crops suffered because the rain in September was not sufficiently good and in October did not rain at all.

## RAWALPINDI DISTRICT

The area under this kharíf crop was 17 per cent. more than in the preceding kharíf. Owing to seasonable fall of rain the outturn in the Rávalpindi and Gujar Khan Tahsíls was good. In the Pindigheb Tahsíl the rainfall was not sufficient and the outturn was below the average. In the other tahsíls the outturn was average. The *moth* crop failed, having been damaged by worms locally known by the name of Toka, and the outturn was very poor. The outturn of *cotton* crop was good.

## HAZARA DISTRICT

The kharif crop was a little better than the average, except in the hot dry parts of the district, *e. g.*, Kandi Kahl, Kot Najibulla, &c., in lower Hazára, where the crops were average.

The area under crop was 269,359 acres as compared with 249,222 acres in kharíf 1888, or an increased reaa under cultivation of 20,137 acres of crops other than the following, in which there was a decrease, *viz.*—

| | Acres. |
|---|---|
| Bájra | 2,803 |
| Mash | 1,076 |
| Til | 342 |
| Turmeric | 86 |
| Chillies | 16 |
| Fodder for cattle | 129 |

which makes the increase under other crops all the more.

In this district bájra needs a dry season. Too much rain increases fodder, which in such a season is cheap and reduces the outturn in grain; agriculturists do not cultivate this crop when ample rainfall is anticipated, hence the reduced sowings of this crop.

The decrease under másh is covered by the increase of moth, which are similar crops.

The decrease under til is accounted for partly by the fact that kerosine is superseding vegetable oil, and partly to the same cause as entered for bájra, *viz.*, it needs a dry season.

The fodder of this district is jowár and makki stalks and grass, and the stalks are chiefly stored when a dry season is looked for, which would mean a reduced grass supply. The rainfall was good except in August and September, when agriculturists prognosticated a bad harvest; but in spite of this the harvest was above average in the upper part of the district and average in the lower, which was looked upon as extraordinary.

In some parts of the district the grass-supply was short, but no difficulty is anticipated if the rabi season continues good.

## PESHAWAR DISTRICT.

*Peshâwar Tahsil.*—Harvest better than last kharíf. Crops in the upper Khalíl suffered owing to decrease of water in the Joe Tucker.

*Doaba Daudzai Tahsil.*—Harvest good. Prices low. Cultivators gained nothing. Price of cotton good.

*Hashtnagar Tahsil.*—Cultivation less than last kharíf owing to cultivators being occupied in gathering the large rabi crop.

*Nawshera Tahsil.*—Harvest good, but owing to low prices of grain there was some difficulty in collecting the revenue.

*Mardán Tahsil.*—The cultivation in the rain tracts was small for want of rain.

*Utmán Bulàk Tahsil.*—Timely rain fell in this tract at sowing time: whence cultivation good.

## KOHAT DISTRICT.

There were good rains both at the time of sowings and subsequently, except in some remote parts of the Kohát and Hangu Tahsíls, and consequently the area of land (both irrigated and unirrigated) sown was good and the crops promised exceedingly well.

There have, however, been no rains from the latter part of September 1889 till now. This want of rain has injured the crops in the unirrigated tracts of the Kohát Tahsíl, as also in some villages of the rest of the district.

In the Hangu Tahsíl, where the kharíf crops are sown earlier and ripen earlier than in the Kohát Tahsíl, little or no injury has been done to the harvest from failure of rain; the produce of crops, has therefore been much above the average.

In the assessment circles of Chinan Payan and Toi I of the Kohát Tahsíl the produce of crops on irrigated lands has been much above the average, as there was sufficient flow of water in the springs and Kohát Toi for the villages in these circles which are situated at the head of the Toi (Sarwarkh).

In Toi II, however, the produce of crops was about the average, as the villages in this circle are situated lower down along the flow of the Toi where the water was not sufficient.

In some parts of the Kohát Tahsíl the crops on unirrigated lands have almost failed, while produce of crops in rest of the tahsíl has been much below the average.

No report has been received from the Khattak Tahsíl, but the produce of the harvest is expected to be about the average.

There were hail-storms in some villages of the Hangu Tahsíl, as also in a few villages of the Kohát Tahsíl. The crops were infested by a species of fly (Makar) which destroyed the young buds, but the loss caused to the crops was inconsiderable.

## BANNU DISTRICT.

*Bannu Tahsíl.*—The irrigated area has fallen from 48,108 to 44,575, and unirrigated area from 3,814 to 3,463 acres.

The total decrease of 1884 is chiefly in sugarcane, maize, jowár, and bájra. A large area of land ordinarily cultivated in the kharíf was left fallow this half year with the view of cultivation in the rabi. On unirrigated lands decrease due to scanty rainfall in the Thal land of Wazírs.

*Marwat Tahsíl.*—The irrigated area has increased from 7,319 to 7,539 acres, and unirrigated 11,984 to 28,786. The increase of 17,022 acres is due to timely rainfall in villages of Marwat Tahsíl at the end of July and middle of August 1889. The increase is principally in jowár, bájra, cotton and mung. *See* general remarks below.

*Isa Khal Tahsíl.*—There is a large increase of 95 acres in irrigated area, and of 15,981 acres in unirrigated area. It is mainly in jowár, bájra and cotton, and is due to favourable rain and flood in the river Indus.

*Miánwáli Tahsíl.*—In this tahsíl the irrigated area has risen from 778 to 837, and unirrigated from 71,755 to 115,295. An increase of 43,597 acres on the whole is due to timely rainfall. The chief increase is in jowár, bájra and moth.

*General Remarks.*—Taking the whole district there is a decrease of 3,884 acres and an increase of 76,697 acres in the area of the irrigated and unirrigated crops; the net increase being 72,813 acres. Timely rain is the chief cause of increase in cultivation in the whole district, and it is owing to this increase in cultivation that bájra is selling 35 seers in the district instead of 16 seers in the last year.

The present kharíf has materially altered the prospects of Marwat zemindárs, and as there is promise of a very good rabi, after inspection of rabi crops every effort will be made to realize the suspended revenue in Marwat Tahsíl.

## DERA ISMAIL KHAN.

From the following statement it will be seen that there has been an increase of 86,134 acres in the cultivated area as compared with the preceding year :—

| Tahsíl. | Kharíf 1888. | Kharíf 1889. | Increase or Decrease. |
|---|---|---|---|
| | Acres. | Acres. | Acres. |
| Dera ... ... ... ... | 27,066 | 56,980 | + 29,914 |
| Tánk ... ... ... ... | 15,851 | 20,057 | + 4,206 |
| Kuláchi ... ... ... ... | 22,363 | 78,492 | + 56,129 |
| Leiah ... ... ... ... | 31,687 | 35,161 | + 3,474 |
| Bhakkar ... ... ... ... | 41,741 | 34,152 | — 7,589 |
| TOTAL ... | 138,708 | 224,842 | + 86,134 |

*Dera.*—The increase in this tahsíl is chiefly due to the fact that the rain and hill torrents irrigated the Daman at proper time, and overflow of the Indus watered the Nasheb lands.

*Tánk.*—The increase of this tahsíl is in consequence of the good rainfall and hill torrents that irrigated the land in time.

*Kuláchi.*—The cause of the increase in this tahsíl is the same as that of Tánk.

*Leiah.*—There has been some increase in this tahsíl, as rain fell in the Thal, and overflow of the Indus watered the Katchi.

*Bhakkar.*—Previous to this there has been drought in the Thal, so the people there were not benefited by the overflow of the Indus, and those in the Nasheb were unable to cultivate the lands as they were flooded by that river.

## DERA GHAZI KHAN DISTRICT.

There has been some decrease in the area cropped on irrigated lands owing to kharíf crops of some of the villages of Jámpur and Rájanpur Tahsíls having been destroyed by the river floods.

This decrease has been more than made good by the large increase in cultivation in the Pachádh tracts, as will be shown by the following tables :—

| CROP. | Years. | Acres. | REMARKS. |
|---|---|---|---|
| Kharíf ... ... ... | 1886 ... | 232,341 | |
| Do. ... ... ... | 1887 ... | 269,627 | |
| Do. ... ... ... | 1888 ... | 229,965 | |
| Do. ... ... ... | 1889 ... | 280,125 | |

In the Sanghar Tahsíl the Pachádh cultivation has increased 100 per cent., in Dera Ghází Khan 65 per cent., in Jámpur 32 per cent., and in the Rájanpur Tahsíl the increase amounts to 126 per cent.

This increase is very satisfactory, and is due to the good working of the hill torrents.

The Sanghar and the Khába hill torrents continued flowing without cessation for several days in the season, and the waters brought down were beyond the powers of the cultivators to manage.

Comparatively large areas have been sown with rabi crops both in the Sailáb and the Pachádh circles.

With the exception of the Sanghar Tahsíl the yield of cotton was much below the average, although the plants looked healthy and flourishing.

This is attributed by some to the hot Pachádh winds called gari.

The outturn of the jowár crops was also below the average. In some places the crop was attacked by the blight called "kan," and in others by the "gari."

With these exceptions, and allowing for the damage done by the floods, the kharíf harvest has been an excellent one, and the season very favourable, especially for the Pachádh lands.

## MUZAFFARGARH DISTRICT.

*Tahsíl Muzaffargarh.*—There is a total increase of 2,863 acres in this tahsíl against last year's cultivation

*Tahsíl Alipur.*—There is a total increase of 6,016 acres in this tahsíl against last year's cultivation.

*Tahsíl Sinánwán.*—There is a total decrease of 5,727 acres in this tahsíl against last year's cultivation.

*General.*—The increase in the first two tahsíls is due to the sufficient supply of canal water, and the decrease in Sinánwán is due to the heavy floods in that tahsíl.

*Crop Returns for the Kharíf* 1889 (00' *omitted*, i. e., *areas stated in hundreds of acres*), *Punjab*.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which the statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | Chína. | Other cereals. | Moth. | Múng. | Másh. | Other pulses. | Total Cereals and Pulses. | Til. | Others. | Sugarcane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| SAR. | 22nd January 1890. | Hissar ... | Irrigated ... | 5 | ... | 4 | 1 | ... | ... | ... | ... | ... | ... | ... | 10 | ... | ... | ... | 22 | ... | ... | 12 | ... | 1 | ... | ... | ... | 3 | ... | 4 | ... | 52 | |
| | | | Unirrigated ... | ... | ... | 209 | 1,103 | ... | ... | 1 | 165 | 47 | ... | 3 | 1,528 | 10 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 127 | ... | 1,666 | |
| | | | Total ... | 5 | ... | 213 | 1,104 | ... | ... | 1 | 165 | 47 | ... | 3 | 1,538 | 10 | ... | ... | 22 | 1 | .. | 12 | ... | 1 | ... | ... | ... | 3 | ... | 131 | ... | 1,718 | |
| | | Hánsi ... | Irrigated ... | 92 | 1 | 17 | ... | ... | ... | ... | ... | ... | ... | .. | 110 | ... | ... | 1 | 178 | ... | ... | 114 | ... | 6 | 1 | ... | ... | 1 | .. | 1 | ... | 412 | |
| | | | Unirrigated ... | 2 | ... | 666 | 450 | ... | ... | ... | 11 | 88 | 2 | 8 | 1,227 | 6 | ... | ... | 5 | 2 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 41 | 2 | 1,284 | |
| | | | Total ... | 94 | 1 | 683 | 450 | ... | ... | ... | 11 | 88 | 2 | 8 | 1,337 | 6 | ... | ... | 183 | 2 | ... | 115 | ... | 6 | 1 | ... | ... | 1 | ... | 42 | 2 | 1,696 | |
| | | Bbiwáni ... | Irrigated ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | Unirrigated ... | ... | ... | 92 | 788 | ... | ... | ... | 194 | 96 | ... | 1 | 1,171 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 94 | ... | 1,266 | |
| | | | Total ... | ... | ... | 92 | 788 | ... | ... | ... | 194 | 96 | ... | 1 | 1,171 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 94 | ... | 1,266 | |
| | | Fatahabad ... | Irrigated ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | |
| | | | Unirrigated ... | 16 | ... | 466 | 1,650 | ... | ... | ... | 313 | 45 | ... | .. | 2,490 | 44 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 160 | ... | 2,696 | |
| | | | Total ... | 16 | ... | 467 | 1,650 | ... | ... | ... | 313 | 45 | ... | ... | 2,491 | 45 | ... | ... | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 160 | ... | 2,700 | |
| | | Barwála ... | Irrigated ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | Unirrigated ... | ... | ... | 314 | 563 | ... | ... | ... | 8 | 36 | ... | ... | 921 | 23 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28 | ... | 973 | |
| | | | Total ... | ... | ... | 314 | 563 | ... | ... | ... | 8 | 36 | ... | ... | 921 | 33 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28 | ... | 973 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| His | 22nd | Sirsa ... | Irrigated ... | ... | ... | 5 | 3 | ... | ... | ... | 1 | 1 | ... | ... | 10 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| | | | Unirrigated ... | 95 | ... | 482 | 1,657 | ... | ... | ... | 490 | 9 | ... | ... | 2,733 | 105 | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 276 | ... | 3,116 |
| | | | Total ... | 95 | ... | 487 | 1,660 | ... | ... | ... | 491 | 10 | ... | ... | 2,743 | 106 | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 276 | ... | 3,127 |
| | | Total District ... | Irrigated ... | 97 | 1 | 27 | 4 | ... | ... | ... | 1 | 1 | ... | ... | 131 | 2 | ... | 1 | 202 | ... | ... | 126 | ... | 7 | 1 | ... | ... | 4 | ... | 5 | ... | 479 |
| | | | Unirrigated ... | 113 | ... | 2,229 | 6,211 | ... | ... | 1 | 1,181 | 321 | 2 | 12 | 10,070 | 189 | ... | ... | 6 | 6 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 726 | 2 | 11,001 |
| | | | Total ... | 210 | 1 | 2,256 | 6,215 | ... | ... | 1 | 1,182 | 322 | 2 | 12 | 10,201 | 191 | ... | 1 | 208 | 6 | ... | 127 | ... | 7 | 2 | ... | ... | 4 | ... | 731 | 2 | 11,480 |
| ROHTAK. | 17th December 1889. | Rohtak ... | Irrigated ... | 2 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | 12 | 10 | ... | ... | 17 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 43 |
| | | | Unirrigated ... | ... | 1 | 691 | 294 | ... | ... | ... | 6 | 108 | 10 | 78 | 1,188 | 12 | ... | ... | 62 | 4 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,267 |
| | | | Total ... | 2 | 1 | 692 | 294 | ... | ... | ... | 6 | 108 | 10 | 78 | 1,191 | 12 | ... | 12 | 72 | 4 | ... | 18 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1,310 |
| | | Sámpla ... | Irrigated ... | 2 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 1 | ... | 37 | 33 | 1 | | 15 | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | 93 |
| | | | Unirrigated ... | ... | ... | 678 | 232 | ... | ... | ... | 7 | 110 | 12 | 159 | 1,198 | 6 | ... | 1 | 102 | 5 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,313 |
| | | | Total ... | 2 | ... | 679 | 232 | ... | ... | ... | 7 | 110 | 12 | 159 | 1,201 | 7 | ... | 38 | 135 | 6 | ... | 16 | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | 1,406 |
| | | Gohána ... | Irrigated ... | 22 | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 24 | 1 | ... | 49 | 73 | 1 | ... | 82 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 |
| | | | Unirrigated ... | ... | ... | 417 | 123 | 1 | ... | ... | 4 | 34 | 12 | 79 | 670 | 6 | ... | ... | 69 | 3 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 749 |
| | | | Total ... | 22 | ... | 419 | 123 | 1 | ... | ... | 4 | 34 | 12 | 79 | 694 | 7 | ... | 49 | 142 | 4 | ... | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 979 |
| | | Jhajjar ... | Irrigated ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | | | Unirrigated ... | ... | ... | 336 | 474 | ... | ... | ... | 59 | 128 | 7 | 273 | 1,277 | 2 | ... | ... | 12 | 2 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1,294 |
| | | | Total ... | ... | 1 | 336 | 474 | ... | ... | ... | 59 | 128 | 7 | 273 | 1,278 | 2 | ... | ... | 13 | 2 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1,296 |
| | | Total District ... | Irrigated ... | 26 | 1 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | 31 | 2 | ... | 98 | 117 | 2 | ... | 114 | ... | 1 | 2 | ... | ... | 1 | ... | ... | ... | 368 |
| | | | Unirrigated ... | ... | 1 | 2,122 | 1,123 | 1 | ... | ... | 76 | 380 | 41 | 589 | 4,333 | 26 | ... | 1 | 245 | 14 | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 4,623 |
| | | | Total ... | 26 | 2 | 2,126 | 1,123 | 1 | ... | ... | 76 | 380 | 41 | 589 | 4,364 | 28 | ... | 99 | 362 | 16 | ... | 117 | ... | 1 | 3 | ... | ... | 1 | ... | ... | ... | 4,991 |

*Crop Returns for the Kharíf* 1889 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which the statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | Chína. | Other Cereals. | Moth. | Mung. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugarcane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| GURGAON. | 17th December 1889. | Gurgaon ... | Irrigated ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 9 | |
| | | | Unirrigated ... | ... | 2 | 109 | 457 | ... | ... | ... | 53 | 77 | 4 | 304 | 1,006 | 5 | ... | 1 | 46 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1,060 | |
| | | | Total ... | ... | 2 | 110 | 459 | ... | ... | ... | 53 | 77 | 4 | 304 | 1,009 | 5 | ... | 1 | 50 | 1 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | 1 | ... | 1,069 | |
| | | Rewári ... | Irrigated ... | ... | ... | 5 | 2 | ... | ... | ... | ... | ... | ... | ... | 7 | ... | ... | ... | 17 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 25 | |
| | | | Unirrigated ... | ... | ... | 149 | 370 | ... | ... | ... | 78 | 168 | 1 | 598 | 1,364 | 1 | ... | ... | 10 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1,377 | |
| | | | Total ... | ... | ... | 154 | 372 | ... | ... | ... | 78 | 168 | 1 | 598 | 1,371 | 1 | ... | ... | 27 | 1 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 1,402 | |
| | | Palwal ... | Irrigated ... | ... | 1 | 4 | ... | ... | ... | ... | 1 | ... | ... | ... | 6 | 2 | ... | 8 | 84 | 3 | ... | 59 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 163 | |
| | | | Unirrigated ... | ... | 5 | 293 | 138 | ... | ... | ... | 39 | 46 | 67 | 110 | 698 | 22 | ... | ... | 231 | 12 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 7 | ... | 971 | |
| | | | Total ... | ... | 6 | 297 | 138 | ... | ... | ... | 40 | 46 | 67 | 110 | 704 | 24 | ... | 8 | 315 | 15 | ... | 59 | ... | ... | 1 | ... | ... | ... | ... | 8 | ... | 1,134 | |
| | | Núh ... | Irrigated ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 1 | ... | 3 | 1 | ... | ... | 52 | 1 | ... | 15 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 73 | |
| | | | Unirrigated ... | 1 | 3 | 260 | 368 | ... | ... | 1 | 36 | 82 | 34 | 186 | 971 | 26 | ... | 2 | 220 | 5 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | 1,227 | |
| | | | Total ... | 1 | 3 | 262 | 368 | ... | ... | 1 | 36 | 82 | 35 | 186 | 974 | 27 | ... | 2 | 272 | 6 | ... | 16 | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | 1,300 | |
| | | Firozpur ... | Irrigated ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | 3 | ... | ... | 1 | 13 | ... | ... | 9 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 28 | |
| | | | Unirrigated ... | 1 | 7 | 236 | 251 | 1 | ... | 1 | 14 | 30 | 23 | 110 | 674 | 22 | ... | 1 | 243 | 3 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 8 | ... | 952 | |
| | | | Total ... | 1 | 7 | 237 | 252 | 1 | ... | 1 | 14 | 30 | 23 | 111 | 677 | 22 | ... | 2 | 256 | 3 | ... | 10 | ... | ... | 1 | ... | ... | 1 | ... | 8 | ... | 980 | |
| | | Total District ... | Irrigated ... | ... | 1 | 13 | 5 | ... | ... | ... | 1 | ... | 1 | 1 | 22 | 3 | ... | 9 | 170 | 4 | ... | 83 | ... | ... | 2 | 1 | ... | 3 | ... | 1 | ... | 298 | |
| | | | Unirrigated ... | 2 | 17 | 1047 | 1,584 | 1 | ... | 2 | 221 | 402 | 129 | 1308 | 4,713 | 76 | ... | 4 | 750 | 22 | ... | 2 | ... | .. | 3 | ... | ... | ... | ... | 17 | ... | 5,587 | |
| | | | Total ... | 2 | 18 | 1060 | 1,589 | 1 | ... | 2 | 222 | 402 | 130 | 1309 | 4,735 | 79 | ... | 13 | 920 | 26 | ... | 85 | ... | ... | 5 | 1 | ... | 3 | ... | 18 | ... | 5,885 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DELHI. | 30th December 1889. | Delhi | Irrigated ... | 12 | 9 | 6 | 1 | ... | ... | ... | ... | ... | ... | ... | 28 | ... | ... | 57 | 16 | 2 | ... | 3 | ... | 12 | 7 | ... | ... | 4 | ... | ... | ... | 129 |
| | | | Unirrigated ... | 1 | 5 | 313 | 203 | ... | ... | ... | 16 | 38 | 21 | 141 | 738 | 8 | ... | 11 | 45 | 4 | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 1 | ... | 809 |
| | | | Total ... | 13 | 14 | 319 | 204 | ... | ... | ... | 16 | 38 | 21 | 141 | 766 | 8 | ... | 68 | 61 | 6 | ... | 3 | ... | 12 | 9 | ... | ... | 4 | ... | 1 | ... | 938 |
| | | Sonepat | Irrigated ... | 58 | 38 | 2 | ... | 1 | ... | 1 | ... | ... | ... | 1 | 101 | 1 | ... | 96 | 77 | 3 | ... | 20 | ... | 1 | 4 | ... | ... | 12 | ... | ... | ... | 315 |
| | | | Unirrigated ... | 4 | 21 | 363 | 51 | 2 | ... | ... | 12 | 9 | 18 | 149 | 629 | 2 | ... | 7 | 55 | 2 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | 16 | ... | 714 |
| | | | Total ... | 62 | 59 | 365 | 51 | 3 | ... | 1 | 12 | 9 | 18 | 150 | 730 | 3 | ... | 103 | 132 | 5 | ... | 23 | ... | 1 | 4 | ... | ... | 12 | ... | 16 | ... | 1,029 |
| | | Ballabgarh | Irrigated ... | ... | 2 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 4 | ... | ... | 1 | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | 12 |
| | | | Unirrigated ... | ... | 15 | 153 | 195 | 1 | ... | ... | 21 | 43 | 19 | 109 | 556 | 10 | ... | 2 | 119 | 8 | ... | 3 | ... | 1 | 1 | ... | ... | ... | ... | 31 | 3 | 734 |
| | | | Total ... | ... | 17 | 154 | 196 | 1 | ... | ... | 21 | 43 | 19 | 109 | 560 | 10 | ... | 3 | 123 | 8 | ... | 3 | ... | 1 | 2 | ... | ... | 2 | ... | 31 | 3 | 746 |
| | | Total District ... | Irrigated ... | 70 | 49 | 9 | 2 | 1 | ... | 1 | ... | ... | ... | 1 | 133 | 1 | ... | 154 | 97 | 5 | ... | 23 | ... | 13 | 12 | ... | ... | 18 | ... | ... | ... | 456 |
| | | | Unirrigated ... | 5 | 41 | 829 | 449 | 3 | ... | ... | 49 | 90 | 58 | 399 | 1,923 | 20 | ... | 20 | 219 | 14 | .. | 6 | ... | 1 | 3 | ... | ... | ... | ... | 48 | 3 | 2,257 |
| | | | Total ... | 75 | 90 | 838 | 451 | 4 | ... | 1 | 49 | 90 | 58 | 400 | 2,056 | 21 | ... | 174 | 316 | 19 | ... | 29 | ... | 14 | 15 | ... | ... | 18 | ... | 48 | 3 | 2,713 |
| KARNAL. | | Karnál | Irrigated ... | 70 | 24 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | 96 | ... | 3 | 11 | 48 | 1 | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 168 |
| | | | Unirrigated ... | 262 | 138 | 387 | 18 | 1 | ... | 3 | 8 | 1 | 61 | 6 | 885 | 15 | 9 | 16 | 73 | 4 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 14 | 1,017 |
| | | | Total ... | 332 | 162 | 387 | 18 | 1 | ... | 4 | 8 | 1 | 62 | 6 | 981 | 15 | 12 | 27 | 121 | 5 | ... | 4 | ... | ... | 1 | ... | ... | ... | ... | ... | 14 | 1,180 |
| | | Pánipat | Irrigated ... | 43 | 31 | 2 | ... | ... | ... | 1 | ... | ... | ... | ... | 77 | 1 | ... | 52 | 132 | 1 | ... | 31 | ... | ... | 1 | ... | ... | 5 | ... | ... | ... | 300 |
| | | | Unirrigated ... | 21 | 22 | 383 | 28 | 5 | ... | 3 | 7 | 3 | 13 | 32 | 517 | 3 | ... | 4 | 42 | 3 | ... | 2 | ... | ... | ... | ... | ... | ... | 2 | ... | 23 | 596 |
| | | | Total ... | 64 | 53 | 385 | 28 | 5 | ... | 4 | 7 | 3 | 13 | 32 | 594 | 4 | ... | 56 | 174 | 4 | ... | 33 | ... | ... | 1 | ... | ... | 5 | 2 | ... | 23 | 896 |
| | | Kaithal | Irrigated ... | 21 | 10 | 5 | 2 | ... | ... | 1 | ... | 5 | ... | ... | 44 | 3 | ... | 5 | 21 | ... | ... | 14 | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | 90 |
| | | | Unirrigated ... | 227 | 4 | 401 | 248 | 1 | 2 | ... | 28 | 231 | 14 | 2 | 1,158 | 33 | ... | ... | 33 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 34 | 1,263 |
| | | | Total ... | 248 | 14 | 406 | 250 | 1 | 2 | 1 | 28 | 236 | 14 | 2 | 1,202 | 36 | ... | 5 | 54 | 5 | ... | 14 | ... | ... | 1 | ... | ... | 2 | ... | ... | 34 | 1,353 |
| | | Total District ... | Irrigated ... | 134 | 65 | 7 | 2 | ... | ... | 3 | ... | 5 | 1 | ... | 217 | 4 | 3 | 68 | 201 | 2 | ... | 48 | ... | ... | 3 | ... | ... | 7 | ... | ... | ... | 553 |
| | | | Unirrigated ... | 510 | 164 | 1171 | 294 | 7 | 2 | 6 | 43 | 235 | 88 | 40 | 2,560 | 51 | 9 | 20 | 148 | 12 | ... | 3 | ... | ... | ... | ... | ... | ... | 2 | ... | 71 | 2,876 |
| | | | Total ... | 644 | 229 | 1178 | 296 | 7 | 2 | 9 | 43 | 240 | 89 | 40 | 2,777 | 55 | 12 | 88 | 349 | 14 | ... | 51 | ... | ... | 3 | ... | ... | 7 | 2 | ... | 71 | 3,429 |

*Crop Returns for the Kharíf* 1889 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which the statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | Chína. | Other cereals. | Moth. | Múng. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugarcane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| UMBALLA. | 30th December 1889. | Umballa ... | Irrigated ... | 2 | 1 | .. | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 6 | |
| | | | Unirrigated ... | 246 | 226 | 222 | 4 | ... | 17 | ... | 11 | 2 | 38 | 2 | 768 | 2 | 8 | 35 | 68 | 4 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 7 | 1 | 894 | |
| | | | Total ... | 248 | 227 | 222 | 4 | .. | 17 | ... | 11 | 2 | 38 | 2 | 771 | 2 | 8 | 36 | 68 | 4 | ... | 1 | .. | 1 | 1 | ... | ... | ... | ... | 7 | 1 | 900 | |
| | | Kharar ... | Irrigated ... | 21 | 13 | 6 | ... | ... | ... | ... | 2 | ... | 3 | ... | 45 | ... | 5 | 5 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | 62 | |
| | | | Unirrigated ... | 123 | 206 | 219 | 4 | .. | 21 | ... | 19 | 3 | 15 | 1 | 611 | 1 | ... | 24 | 118 | 2 | ... | ... | ... | 1 | ... | .. | ... | ... | ... | 6 | ... | 763 | |
| | | | Total ... | 144 | 219 | 225 | 4 | ... | 21 | ... | 21 | 3 | 18 | 1 | 656 | 1 | 5 | 29 | 123 | 2 | ... | ... | ... | 1 | ... | ... | ... | 2 | ... | 6 | ... | 825 | |
| | | Rúpar ... | Irrigated ... | 2 | 31 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 34 | ... | ... | 25 | 8 | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 70 | |
| | | | Unirrigated ... | 66 | 193 | 185 | 3 | .. | 13 | 1 | 34 | 17 | 32 | 1 | 545 | 3 | ... | 32 | 77 | 3 | ... | 7 | ... | ... | 1 | ... | ... | ... | ... | 2 | 8 | 678 | |
| | | | Total ... | 68 | 224 | 185 | 3 | ... | 13 | 1 | 34 | 17 | 33 | 1 | 579 | 3 | ... | 57 | 85 | 3 | ... | 8 | ... | ... | 1 | ... | ... | 1 | ... | 2 | 9 | 748 | |
| | | Naráingarh ... | Irrigated ... | 7 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 9 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | |
| | | | Unirrigated ... | 139 | 172 | 151 | 21 | 1 | 24 | 8 | 41 | 1 | 53 | 13 | 624 | 6 | 3 | 27 | 70 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | .. | 1 | ... | 733 | |
| | | | Total ... | 146 | 173 | 151 | 21 | 1 | 24 | 8 | 41 | 1 | 54 | 13 | 633 | 6 | 3 | 27 | 71 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 743 | |
| | | Jagádhri ... | Irrigated ... | 24 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 | ... | 1 | 6 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 34 | |
| | | | Unirrigated ... | 276 | 167 | 189 | 21 | ... | 14 | 9 | 10 | ... | 94 | 4 | 784 | 4 | 20 | 48 | 55 | 3 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 9 6 | |
| | | | Total .. | 300 | 168 | 189 | 21 | ... | 14 | 9 | 10 | ... | 94 | 4 | 809 | 4 | 21 | 54 | 55 | 3 | ... | ... | ... | 1 | 1 | 2 | ... | ... | ... | ... | ... | 950 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Pipli | Irrigated ... | 12 | 3 | ... | ... | .. | ... | ... | ... | ... | ... | ... | 15 | ... | 5 | 14 | 3 | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 1 | ... | .. | 40 |
| | | | Unirrigated ... | 325 | 195 | 201 | 13 | ... | 16 | 2 | 6 | ... | 66 | 2 | 826 | 3 | 14 | 20 | 52 | 2 | 1 | ... | .. | ... | ... | ... | ... | ... | ... | ... | 8 | 926 |
| | | | Total ... | 337 | 198 | 201 | 13 | ... | 16 | 2 | 6 | ... | 66 | 2 | 841 | 3 | 19 | 34 | 55 | 2 | 1 | ... | ... | ... | 1 | ... | ... | 1 | 1 | ... | 8 | 966 |
| | | Total District ... | Irrigated ... | 68 | 50 | 6 | ... | ... | ... | ... | 2 | ... | 5 | ... | 131 | ... | 11 | 51 | 17 | ... | ... | 1 | ... | 2 | 2 | 1 | ... | 4 | 1 | ... | 1 | 222 |
| | | | Unirrigated ... | 1,175 | 1,159 | 1167 | 66 | 1 | 105 | 20 | 121 | 23 | 298 | 23 | 4,158 | 19 | 45 | 186 | 440 | 15 | 1 | 8 | ... | 2 | 2 | 1 | ... | ... | ... | 16 | 17 | 4,910 |
| | | | Total ... | 1,243 | 1,209 | 1173 | 66 | 1 | 105 | 20 | 123 | 23 | 203 | 23 | 4,239 | 19 | 56 | 237 | 457 | 15 | 1 | 9 | ... | 4 | 4 | 2 | ... | 4 | 1 | 16 | 18 | 5,132 |
| SIMLA. | 8th January 1890. | Simla & Bharoli | Irrigated ... | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | .. | ... | 4 |
| | | | Unirrigated ... | 1 | 12 | ... | ... | ... | ... | ... | .. | ... | 2 | 3 | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 22 |
| | | | Total ... | 3 | 13 | ... | ... | ... | ... | ... | ... | ... | 2 | 3 | 21 | ... | .. | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 4 | 26 |
| | | KOTKHAI. Kotgarh ... | Irrigated ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | | | Unirrigated ... | 1 | 3 | ... | ... | 3 | ... | ... | ... | ... | 2 | 2 | 11 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 4 | 17 |
| | | | Total ... | 3 | 3 | ... | ... | 3 | ... | ... | ... | ... | 2 | 2 | 13 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 4 | 19 |
| | | KOTKHAI. Kotkhái ... | Irrigated ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| | | | Unirrigated ... | 3 | ... | ... | ... | ... | 9 | ... | ... | ... | 1 | 1 | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 14 | 29 |
| | | | Total ... | 4 | ... | ... | ... | ... | 9 | ... | ... | ... | 1 | 1 | 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 14 | 30 |
| | | Total District ... | Irrigated ... | 5 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | .. | 7 |
| | | | Unirrigated ... | 5 | 15 | ... | ... | 3 | 9 | ... | ... | ... | 5 | 6 | 43 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | ... | 22 | 68 |
| | | | Total ... | 10 | 16 | ... | ... | 3 | 9 | ... | ... | .. | 5 | 6 | 49 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | 1 | ... | 22 | 75 |

*Crop Returns for the Kharif* 1889 (00 *omitted,* i. e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or chari. | Bájra. | Kangni. | China. | Other cereals. | Moth. | Mung. | Mash. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| | | Kángra ... | Irrigated ... | 260 | 27 | ... | ... | ... | ... | 1 | ... | ... | 13 | 2 | 303 | ... | ... | 8 | ... | ... | ... | ... | 9 | 1 | 1 | ... | ... | 1 | ... | ... | ... | 323 | |
| | | | Unirrigated ... | 55 | 112 | ... | ... | ... | ... | 2 | ... | ... | 13 | 7 | 189 | 5 | ... | 1 | 4 | ... | ... | ... | 5 | ... | 1 | ... | ... | ... | ... | ... | ... | 205 | |
| | | | Total ... | 315 | 139 | ... | ... | ... | ... | 3 | ... | ... | 26 | 9 | 492 | 5 | ... | 9 | 4 | ... | ... | ... | 14 | 1 | 2 | ... | ... | 1 | ... | ... | ... | 528 | |
| | | Pálampur ... | Irrigated ... | 289 | 27 | ... | ... | ... | ... | 4 | ... | ... | 12 | 4 | 336 | ... | ... | 4 | 1 | | ... | ... | 21 | .. | 1 | ... | 1 | ... | ... | ... | ... | 364 | |
| | | | Unirrigated ... | 79 | 113 | ... | ... | ... | ... | 36 | ... | ... | 28 | 19 | 275 | 3 | ... | 5 | 3 | ... | ... | ... | 6 | ... | 1 | 1 | 1 | ... | ... | ... | ... | 295 | |
| | | | Total ... | 368 | 140 | ... | ... | ... | ... | 40 | ... | ... | 40 | 23 | 611 | 3 | ... | 9 | 4 | ... | ... | ... | 27 | ... | 2 | 1 | 2 | ... | ... | ... | ... | 659 | |
| | | Núrpur ... | Irrigated ... | 71 | 4 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 77 | 1 | ... | 4 | 6 | 1 | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 91 | |
| | | | Unirrigated ... | 87 | 190 | .. | ... | ... | .. | 7 | ... | ... | 44 | 21 | 349 | 32 | ... | 5 | 30 | 7 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | ... | 426 | |
| | | | Total ... | 158 | 194 | 1 | ... | ... | ... | 7 | ... | ... | 45 | 21 | 426 | 33 | . | 9 | 36 | 8 | ... | ... | .. | 2 | ... | ... | 2 | ... | ... | 1 | ... | 517 | |
| | | Dera ... | Irrigated ... | 53 | 21 | ... | ... | ... | ... | 1 | ... | ... | 4 | 2 | 81 | 1 | ... | 3 | 5 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 92 | |
| | | | Unirrigated ... | 51 | 234 | ... | ... | ... | ... | 4 | ... | ... | 54 | 25 | 368 | 19 | ... | 5 | 10 | 6 | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | 411 | |
| | | | Total ... | 104 | 255 | ... | ... | ... | ... | 5 | ... | ... | 58 | 27 | 449 | 20 | ... | 8 | 15 | 7 | ... | ... | ... | 1 | 1 | 2 | ... | ... | ... | .. | ... | 503 | |
| | | Hamirpur ... | Irrigated ... | 25 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 | |
| | | | Unirrigated ... | 164 | 383 | 1 | ... | .... | ... | 54 | ... | .. | 49 | 152 | 803 | 10 | ... | 10 | 15 | 2 | ... | .... | ... | ... | 7 | 2 | 4 | ... | ... | ... | ... | 853 | |
| GRA. | ber 1889. | | Total ... | 189 | 385 | 1 | ... | ... | ... | 54 | ... | ... | 49 | 152 | 830 | 10 | ... | 10 | 15 | 2 | ... | ... | ... | ... | 7 | 2 | 4 | ... | ... | ... | ... | 880 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kan | 17th Decem | Kúlu | Irrigated ... | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23 |
| | | | Unirrigated ... | 4 | 51 | ... | ... | ... | ... | 89 | ... | ... | 18 | 6 | 168 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 2 | 1 | ... | ... | ... | ... | 2 | 174 |
| | | | Total ... | 27 | 51 | ... | ... | ... | ... | 89 | ... | ... | 18 | 6 | 191 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 2 | 1 | ... | ... | ... | ... | 2 | 197 |
| | | Plách | Irrigated ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 |
| | | | Unirrigated ... | 3 | 17 | ... | ... | ... | ... | 43 | ... | ... | 5 | 4 | 72 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 74 |
| | | | Total ... | 9 | 17 | ... | ... | ... | ... | 43 | ... | ... | 5 | 4 | 78 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 80 |
| | | Total District ... | Irrigated ... | 727 | 81 | 1 | ... | ... | ... | 6 | ... | ... | 30 | 8 | 853 | 2 | ... | 19 | 12 | 2 | ... | ... | 30 | 2 | 2 | ... | 3 | 1 | ... | ... | ... | 926 |
| | | | Unirrigated ... | 443 | 1,100 | 1 | ... | ... | ... | 235 | ... | ... | 211 | 234 | 2,224 | 69 | ... | 26 | 62 | 15 | 2 | ... | 11 | 2 | 12 | 6 | 5 | ... | ... | 1 | 3 | 2,438 |
| | | | Total ... | 1,170 | 1,181 | 2 | ... | ... | ... | 241 | ... | ... | 241 | 242 | 3,077 | 71 | ... | 45 | 74 | 17 | 2 | ... | 41 | 4 | 14 | 6 | 8 | 1 | ... | 1 | 3 | 3,364 |
| Hoshiárpur. | 18th December 1889. | Hoshiárpur | Irrigated ... | 4 | 9 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 14 | ... | ... | 9 | 3 | ... | ... | ... | ... | 1 | 2 | ... | ... | 1 | ... | ... | ... | 30 |
| | | | Unirrigated ... | 7 | 251 | 104 | 6 | ... | 29 | 14 | 81 | 5 | 19 | 11 | 527 | 5 | ... | 75 | 39 | 17 | ... | 20 | ... | 44 | 1 | 1 | ... | ... | ... | ... | ... | 729 |
| | | | Total ... | 11 | 260 | 104 | 6 | ... | 30 | 14 | 81 | 5 | 19 | 11 | 541 | 5 | ... | 84 | 42 | 17 | ... | 20 | ... | 45 | 3 | 1 | ... | 1 | ... | ... | ... | 759 |
| | | Dasúya | Irrigated ... | 100 | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 108 | ... | ... | 11 | 2 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 122 |
| | | | Unirrigated ... | 142 | 296 | 67 | 4 | ... | 9 | 32 | 108 | 4 | 91 | 15 | 768 | 23 | ... | 77 | 47 | 9 | ... | 3 | ... | 4 | 1 | 1 | ... | ... | ... | ... | 1 | 934 |
| | | | Total ... | 242 | 304 | 67 | 4 | ... | 9 | 32 | 108 | 4 | 91 | 15 | 876 | 23 | ... | 88 | 49 | 9 | ... | 3 | ... | 5 | 1 | 1 | ... | ... | ... | ... | 1 | 1,056 |
| | | Garhshankar ... | Irrigated ... | 1 | 12 | 25 | ... | ... | ... | ... | ... | ... | ... | ... | 38 | ... | ... | 32 | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 76 |
| | | | Unirrigated ... | 27 | 346 | 186 | 36 | ... | 6 | 2 | 80 | 11 | 21 | 21 | 736 | 4 | ... | 54 | 74 | 13 | ... | 3 | ... | 12 | ... | ... | ... | ... | ... | ... | ... | 896 |
| | | | Total ... | 28 | 358 | 211 | 36 | ... | 6 | 2 | 80 | 11 | 21 | 21 | 774 | 4 | ... | 86 | 78 | 13 | ... | 3 | ... | 12 | 1 | ... | ... | 1 | ... | ... | ... | 972 |
| | | Una | Irrigated ... | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| | | | Unirrigated ... | 64 | 481 | 85 | 8 | ... | 5 | 5 | 81 | 3 | 60 | 27 | 819 | 12 | 1 | 56 | 108 | 4 | 1 | 2 | ... | 7 | 1 | ... | ... | ... | ... | ... | ... | 1,011 |
| | | | Total ... | 67 | 482 | 85 | 8 | ... | 5 | 5 | 81 | 3 | 60 | 27 | 823 | 12 | 1 | 59 | 108 | 4 | 1 | 2 | ... | 7 | 1 | ... | ... | ... | ... | ... | ... | 1,018 |
| | | Total District ... | Irrigated ... | 108 | 30 | 25 | ... | ... | 1 | ... | ... | ... | ... | ... | 164 | ... | ... | 55 | 9 | ... | ... | ... | ... | 2 | 3 | ... | ... | 2 | ... | ... | ... | 235 |
| | | | Unirrigated ... | 240 | 1,374 | 442 | 54 | ... | 49 | 53 | 350 | 23 | 191 | 74 | 2,850 | 44 | 1 | 262 | 268 | 43 | 1 | 28 | ... | 67 | 3 | 2 | ... | ... | ... | ... | 1 | 3,570 |
| | | | Total ... | 348 | 1,404 | 467 | 54 | ... | 50 | 53 | 350 | 23 | 191 | 74 | 3,014 | 44 | 1 | 317 | 277 | 43 | 1 | 28 | ... | 69 | 6 | 2 | ... | 2 | ... | ... | 1 | 3,805 |

*Crop Returns for the Kharif* 1889 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibers.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | Chína. | Other Cereals. | Moth. | Mung. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugarcane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and Spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| JULLUNDUR. | 17th December 1889. | Jullundur ... | Irrigated ... | 6 | 154 | 10 | ... | ... | ... | 1 | 1 | ... | 2 | ... | 174 | 1 | ... | 82 | 74 | 1 | ... | 2 | ... | 2 | 1 | 1 | ... | 1 | ... | ... | ... | 339 | |
| | | | Unirrigated ... | 17 | 73 | 110 | 2 | ... | .. | 11 | 334 | 32 | 19 | 24 | 622 | 15 | ... | 19 | 8 | 12 | ... | 3 | ... | ... | 1 | 1 | ... | ... | ... | 19 | ... | 700 | |
| | | | Total ... | 23 | 227 | 120 | 2 | ... | ... | 12 | 335 | 32 | 21 | 24 | 796 | 16 | ... | 101 | 82 | 13 | ... | 5 | ... | 2 | 2 | 2 | ... | 1 | ... | 19 | ... | 1,039 | |
| | | Nakodar ... | Irrigated ... | 3 | 213 | 33 | ... | ... | .. | 1 | 2 | ... | 1 | ... | 253 | 1 | 1 | 88 | 101 | 3 | ... | ... | ... | ... | 1 | ... | ... | 12 | ... | 4 | ... | 464 | |
| | | | Unirrigated ... | 8 | 15 | 215 | 2 | ... | ... | ... | 185 | 19 | 7 | 4 | 455 | 2 | ... | 1 | 11 | 2 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 8 | ... | 481 | |
| | | | Total ... | 11 | 228 | 248 | 2 | ... | ... | 1 | 187 | 19 | 8 | 4 | 708 | 3 | 1 | 89 | 112 | 5 | 1 | ... | ... | ... | 1 | ... | ... | 13 | ... | 12 | ... | 945 | |
| | | Phillour ... | Irrigated ... | 1 | 168 | 5 | ... | ... | ... | ... | ... | ... | 1 | ... | 175 | 1 | ... | 82 | 61 | 1 | ... | ... | ... | ... | ... | ... | ... | 4 | ... | 1 | ... | 325 | |
| | | | Unirrigated ... | 3 | 9 | 182 | 1 | ... | .. | 2 | 78 | 46 | 29 | ... | 350 | 5 | ... | 5 | 7 | 12 | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | 37 | ... | 418 | |
| | | | Total ... | 4 | 177 | 187 | 1 | ... | ... | 2 | 78 | 46 | 30 | ... | 525 | 6 | ... | 87 | 68 | 13 | ... | 1 | ... | ... | ... | 1 | ... | 4 | ... | 38 | ... | 743 | |
| | | Nawashahr ... | Irrigated ... | 8 | 180 | 3 | ... | ... | ... | ... | ... | ... | 1 | ... | 192 | 1 | 1 | 84 | 31 | ... | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | 312 | |
| | | | Unirrigated ... | 6 | 31 | 161 | 1 | ... | ... | 2 | 41 | 41 | 68 | ... | 351 | 5 | ... | 5 | 14 | 11 | ... | 2 | ... | ... | ... | 1 | ... | ... | ... | ... | 2 | 391 | |
| | | | Total ... | 14 | 211 | 164 | 1 | ... | ... | 2 | 41 | 41 | 69 | ... | 543 | 6 | 1 | 89 | 45 | 11 | ... | 2 | ... | ... | 1 | 1 | ... | 2 | ... | .. | 2 | 703 | |
| | | Total District... | Irrigated ... | 18 | 715 | 51 | ... | ... | ... | 2 | 3 | ... | 5 | ... | 794 | 4 | 2 | 336 | 267 | 5 | ... | 2 | ... | 2 | 3 | 1 | ... | 19 | ... | 5 | ... | 1,440 | |
| | | | Unirrigated ... | 34 | 128 | 668 | 6 | ... | ... | 15 | 638 | 138 | 123 | 28 | 1,778 | 27 | ... | 30 | 40 | 37 | 1 | 6 | ... | ... | 1 | 3 | ... | 1 | ... | 64 | 2 | 1,990 | |
| | | | Total ... | 52 | 843 | 719 | 6 | ... | ... | 17 | 641 | 138 | 128 | 28 | 2,572 | 31 | 2 | 366 | 307 | 42 | 1 | 8 | ... | 2 | 4 | 4 | | 20 | ... | 69 | 2 | 3,430 | |
| ANA. | 1890. | Ludhiána ... | Irrigated ... | ... | 191 | 6 | 1 | ... | ... | ... | 1 | ... | 2 | 1 | 202 | 2 | ... | 28 | 78 | 2 | ... | 3 | ... | .. | 2 | ... | ... | 1 | ... | 2 | ... | 320 | |
| | | | Unirrigated ... | 8 | 90 | 529 | 34 | ... | ... | 1 | 312 | 134 | 23 | 7 | 1,138 | 2 | ... | 7 | 13 | 17 | ... | 10 | .. | ... | 1 | 1 | ... | ... | ... | 96 | 8 | 1,293 | |
| | | | Total ... | 8 | 281 | 535 | 35 | ... | ... | 1 | 313 | 134 | 25 | 8 | 1,340 | 4 | ... | 35 | 91 | 19 | ... | 13 | ... | ... | 3 | 1 | ... | 1 | ... | 98 | 8 | 1,613 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LUDHI | 20th January | Jagraon | Irrigated ... | ... | 121 | 10 | ... | ... | ... | ... | ... | 2 | 4 | ... | 137 | ... | ... | 1 | 10 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | ... | 152 |
| | | | Unirrigated ... | 7 | 4 | 342 | 6 | ... | ... | 3 | 158 | 111 | 31 | 1 | 663 | 2 | ... | ... | 1 | 8 | ... | ... | ... | ... | 2 | 2 | ... | ... | ... | 53 | 2 | 733 |
| | | | Total ... | 7 | 125 | 352 | 6 | ... | ... | 3 | 158 | 113 | 35 | 1 | 800 | 2 | ... | 1 | 11 | 9 | ... | ... | ... | ... | 2 | 2 | ... | 1 | ... | 55 | 2 | 885 |
| | | Samrála | Irrigated ... | ... | 120 | 5 | ... | ... | 1 | ... | ... | ... | 4 | 3 | 133 | 2 | ... | 56 | 51 | 1 | ... | 4 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 249 |
| | | | Unirrigated ... | 11 | 49 | 219 | 2 | 1 | 7 | ... | 155 | 4 | 15 | 2 | 465 | 2 | ... | 21 | 22 | 7 | ... | 10 | ... | ... | ... | ... | ... | ... | ... | 48 | 1 | 576 |
| | | | Total ... | 11 | 169 | 224 | 2 | 1 | 8 | ... | 155 | 4 | 19 | 5 | 598 | 4 | ... | 77 | 73 | 8 | ... | 14 | ... | 1 | ... | ... | ... | ... | ... | 49 | 1 | 825 |
| | | Total District | Irrigated ... | ... | 432 | 21 | 1 | ... | 1 | ... | 1 | 2 | 10 | 4 | 472 | 4 | ... | 85 | 139 | 4 | ... | 7 | ... | 1 | 2 | ... | ... | 2 | ... | 5 | ... | 721 |
| | | | Unirrigated ... | 26 | 143 | 1090 | 42 | 1 | 7 | 4 | 625 | 249 | 69 | 10 | 2,266 | 6 | ... | 28 | 36 | 32 | ... | 20 | ... | ... | 3 | 3 | ... | ... | ... | 197 | 11 | 2,602 |
| | | | Total .. | 26 | 575 | 1111 | 43 | 1 | 8 | 4 | 626 | 251 | 79 | 14 | 2,738 | 10 | ... | 113 | 175 | 36 | ... | 27 | ... | 1 | 5 | 3 | ... | 2 | ... | 202 | 11 | 3,323 |
| FEROZEPORE. | 30th December 1889. | Ferozepore | Irrigated ... | 21 | 59 | 63 | ... | 1 | ... | ... | 2 | 1 | 8 | ... | 155 | 1 | ... | 5 | 21 | 1 | ... | ... | ... | 1 | 1 | ... | ... | 5 | ... | 2 | ... | 192 |
| | | | Unirrigated ... | 4 | 8 | 201 | 42 | 1 | ... | ... | 55 | 7 | 49 | 15 | 382 | 2 | ... | ... | 3 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 3 | 1 | 393 |
| | | | Total ... | 25 | 67 | 264 | 42 | 2 | ... | ... | 57 | 8 | 57 | 15 | 537 | 3 | ... | 5 | 24 | 2 | ... | ... | ... | 1 | 2 | ... | ... | 5 | ... | 5 | 1 | 585 |
| | | Zíra | Irrigated ... | 78 | 155 | 32 | ... | ... | ... | ... | ... | ... | 4 | ... | 269 | ... | ... | 3 | 21 | 1 | ... | ... | ... | 1 | ... | ... | ... | 8 | ... | ... | ... | 303 |
| | | | Unirrigated ... | 3 | 23 | 254 | 8 | ... | ... | 1 | 82 | 8 | 11 | 1 | 391 | 1 | ... | ... | 4 | 2 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 5 | 1 | 405 |
| | | | Total ... | 81 | 178 | 286 | 8 | ... | ... | 1 | 82 | 8 | 15 | 1 | 660 | 1 | ... | 3 | 25 | 3 | ... | ... | ... | 1 | ... | 1 | ... | 8 | ... | 5 | 1 | 708 |
| | | Moga | Irrigated ... | ... | 123 | 30 | 3 | ... | ... | ... | 3 | 1 | 6 | ... | 166 | 2 | ... | 1 | 14 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 2 | ... | 187 |
| | | | Unirrigated ... | ... | ... | 842 | 98 | ... | ... | ... | 389 | 38 | 30 | ... | 1,397 | 3 | ... | ... | 1 | 7 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 48 | 8 | 1,465 |
| | | | Total ... | ... | 123 | 872 | 101 | ... | ... | ... | 392 | 39 | 36 | ... | 1,563 | 5 | ... | 1 | 15 | 8 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | 50 | 8 | 1,652 |
| | | Fázilka | Irrigated ... | 2 | 6 | 115 | 93 | ... | 1 | ... | 32 | 4 | 15 | ... | 268 | 14 | ... | 1 | 21 | 1 | ... | 5 | ... | ... | ... | ... | ... | 1 | ... | 21 | ... | 332 |
| | | | Unirrigated ... | ... | 1 | 251 | 838 | ... | ... | ... | 120 | 1 | 12 | ... | 1,223 | 44 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 68 | ... | 1,335 |
| | | | Total ... | 2 | 7 | 366 | 931 | ... | 1 | ... | 152 | 5 | 27 | ... | 1,491 | 58 | ... | 1 | 21 | 1 | ... | 5 | ... | ... | ... | ... | ... | 1 | ... | 89 | ... | 1,667 |
| | | Muktasar | Irrigated ... | 2 | 35 | 130 | 31 | ... | ... | ... | 27 | 6 | 5 | 3 | 239 | 5 | ... | ... | 32 | 2 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 2 | ... | 281 |
| | | | Unirrigated ... | 1 | 5 | 556 | 348 | ... | ... | ... | 138 | 10 | 41 | 12 | 1,111 | 8 | ... | ... | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | ... | 1,133 |
| | | | Total ... | 3 | 40 | 686 | 379 | ... | ... | ... | 165 | 16 | 46 | 15 | 1,350 | 13 | ... | ... | 34 | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 12 | ... | 1,414 |
| | | Total District | Irrigated ... | 103 | 378 | 370 | 127 | 1 | 1 | ... | 64 | 12 | 38 | 3 | 1,097 | 22 | ... | 10 | 109 | 6 | ... | 5 | ... | 2 | 2 | 1 | ... | 14 | ... | 27 | ... | 1,295 |
| | | | Unirrigated ... | 8 | 37 | 2104 | 1,334 | 1 | ... | 1 | 784 | 64 | 143 | 28 | 4,504 | 58 | ... | ... | 10 | 12 | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | 34 | 10 | 4,731 |
| | | | Total ... | 111 | 415 | 2474 | 1,461 | 2 | 1 | 1 | 848 | 76 | 181 | 31 | 5,601 | 80 | ... | 10 | 119 | 18 | ... | 5 | ... | 2 | 3 | 3 | ... | 14 | ... | 61 | 10 | 6,026 |

*Crop Returns for the Kharif* 1889 (00' *omitted, i.e., areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 09 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsil. | Irrigated or unirrigated. | Rice. | Maize. | Jowár ro chari. | Bájra. | Kangni. | China. | Other cereals. | Moth. | Múng. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | Remarks. |
| Mooltan. | 17th December 1889. | Mooltan ... | Irrigated ... | 51 | 5 | 171 | 73 | ... | 19 | 8 | 2 | ... | 7 | ... | 336 | 58 | ... | 2 | 175 | ... | ... | 109 | ... | 5 | 3 | ... | ... | ... | ... | ... | ... | 688 | |
| | | | Unirrigated ... | ... | ... | 5 | 4 | ... | ... | ... | ... | ... | 36 | 1 | 46 | 29 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 76 | |
| | | | Total ... | 51 | 5 | 176 | 77 | ... | 19 | 8 | 2 | ... | 43 | 1 | 382 | 87 | ... | 2 | 176 | ... | ... | 109 | ... | 5 | 3 | ... | ... | ... | ... | ... | ... | 764 | |
| | | Shujábád ... | Irrigated ... | 47 | ... | 60 | 14 | 1 | 4 | 2 | 1 | ... | ... | ... | 129 | 4 | ... | 21 | 87 | ... | ... | 141 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 383 | |
| | | | Unirrigated ... | ... | ... | 1 | 7 | ... | ... | ... | ... | ... | ... | ... | 8 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 13 | |
| | | | Total ... | 47 | ... | 61 | 21 | 1 | 4 | 2 | 1 | ... | ... | ... | 137 | 9 | ... | 21 | 87 | ... | . | 141 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 396 | |
| | | Lodhrán ... | Irrigated ... | 24 | ... | 173 | 55 | 2 | 6 | 2 | ... | ... | ... | ... | 262 | 47 | ... | ... | 91 | ... | ... | 194 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 596 | |
| | | | Unirrigated ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | |
| | | | Total ... | 24 | ... | 173 | 57 | 2 | 6 | 2 | ... | ... | ... | ... | 264 | 48 | ... | ... | 91 | ... | ... | 194 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 599 | |
| | | Mailsi ... | Irrigated ... | 3 | ... | 235 | 56 | 1 | 4 | 2 | ... | 3 | ... | ... | 304 | 94 | ... | ... | 116 | ... | ... | 123 | ... | ... | ... | ... | ... | 1 | ... | 5 | 1 | 644 | |
| | | | Unirrigated ... | ... | ... | 4 | 8 | ... | ... | ... | ... | ... | ... | ... | 12 | 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31 | |
| | | | Total ... | 3 | ... | 239 | 64 | 1 | 4 | 2 | ... | 3 | ... | ... | 316 | 113 | ... | ... | 116 | ... | ... | 123 | ... | ... | ... | ... | ... | 1 | ... | 5 | 1 | 675 | |
| | | Kabírwála ... | Irrigated ... | 33 | 2 | 173 | 18 | 2 | 15 | 6 | | ... | 1 | ... | 250 | 66 | ... | 1 | 132 | ... | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 462 | |
| | | | Unirrigated ... | ... | ... | 7 | ... | ... | ... | ... | ... | ... | 9 | 2 | 18 | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32 | |
| | | | Total ... | 33 | 2 | 180 | 18 | 2 | 15 | 6 | ... | ... | 10 | 2 | 268 | 80 | ... | 1 | 132 | ... | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 494 | |
| | | Total District ... | Irrigated ... | 158 | 7 | 812 | 216 | 6 | 48 | 20 | 3 | 3 | 8 | ... | 1,281 | 269 | ... | 24 | 601 | ... | ... | 580 | ... | 6 | 3 | ... | ... | 1 | ... | 7 | 1 | 2,773 | |
| | | | Unirrigated ... | ... | ... | 17 | 21 | ... | ... | ... | ... | ... | 45 | 3 | 86 | 68 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 155 | |
| | | | Total ... | 158 | 7 | 829 | 237 | 6 | 48 | 20 | 3 | 3 | 53 | 3 | 1,367 | 337 | ... | 24 | 602 | ... | ... | 580 | ... | 6 | 3 | ... | ... | 1 | ... | 7 | 1 | 2,928 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JHANG. | 12th December 1889. | Jhang ... | Irrigated ... | ... | 2 | 197 | 2 | 2 | 30 | 10 | ... | 1 | 1 | ... | 245 | 2 | ... | 1 | 71 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | | ... | 321 |
| | | | Unirrigated ... | 5 | 1 | 46 | 1 | ... | ... | 5 | 1 | 6 | 69 | 2 | 136 | 12 | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 161 |
| | | | Total ... | 5 | 3 | 243 | 3 | 2 | 30 | 15 | 1 | 7 | 70 | 2 | 381 | 14 | ... | 1 | 73 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 472 |
| | | Chiniot ... | Irrigated ... | 1 | 48 | 117 | 19 | 1 | 10 | 1 | 1 | 1 | 1 | ... | 200 | 2 | ... | 4 | 67 | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | 273 |
| | | | Unirrigated ... | 1 | 9 | 20 | 32 | ... | ... | ... | 3 | 1 | ... | 1 | 67 | 4 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 72 |
| | | | Total ... | 2 | 57 | 137 | 51 | 1 | 10 | 1 | 4 | 2 | 1 | 1 | 267 | 6 | ... | 4 | 68 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 345 |
| | | Shorkot ... | Irrigated ... | ... | ... | 80 | 2 | 1 | 21 | 8 | 1 | ... | ... | ... | 113 | .. | ... | ... | 31 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 145 |
| | | | Unirrigated ... | ... | ... | 30 | ... | ... | ... | ... | ... | 3 | 126 | 7 | 166 | 34 | 2 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 203 |
| | | | Total ... | ... | ... | 110 | 2 | 1 | 21 | 8 | 1 | 3 | 126 | 7 | 279 | 34 | 2 | ... | 32 | ... | ... | ... | ... | .. | 2 | ... | ... | ... | ... | ... | ... | 348 |
| | | Total District ... | Irrigated ... | 1 | 50 | 294 | 23 | 4 | 61 | 19 | 2 | 2 | 2 | ... | 557 | 5 | ... | 5 | 169 | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 739 |
| | | | Unirrigated ... | 6 | 10 | 96 | 33 | ... | ... | 5 | 4 | 10 | 195 | 10 | 370 | 49 | 2 | ... | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 426 |
| | | | Total ... | 7 | 60 | 490 | 56 | 4 | 61 | 24 | 6 | 12 | 197 | 10 | 927 | 54 | 2 | 5 | 173 | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 1,165 |
| MONTGOMERY. | 10th January 1890. | Montgomery ... | Irrigated ... | ... | 1 | 47 | 1 | 1 | 7 | ... | ... | ... | ... | ... | 57 | 8 | ... | ... | 24 | ... | ... | ... | ... | ... | ... | | ... | 1 | ... | ... | ... | 90 |
| | | | Unirrigated ... | ... | ... | 9 | ... | ... | ... | ... | ... | 5 | 1 | 1 | 16 | 14 | ... | ... | 1 | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31 |
| | | | Total ... | ... | 1 | 56 | 1 | 1 | 7 | ... | ... | 5 | 1 | 1 | 73 | 22 | ... | ... | 25 | ... | ... | ... | ... | ... | ... | ... | .. | 1 | ... | ... | ... | 121 |
| | | Gugera ... | Irrigated ... | 33 | 12 | 57 | 1 | 5 | 5 | ... | ... | 1 | 1 | ... | 115 | 8 | ... | 1 | 36 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 160 |
| | | | Unirrigated ... | 7 | 2 | 18 | 1 | 1 | ... | ... | ... | 1 | 12 | ... | 42 | 9 | ... | ... | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 58 |
| | | | Total ... | 40 | 14 | 75 | 2 | 6 | 5 | ... | ... | 2 | 13 | ... | 157 | 17 | ... | 1 | 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 218 |
| | | Dipálpur ... | Irrigated ... | 127 | 35 | 250 | 2 | 49 | 12 | 1 | 8 | 3 | 3 | ... | 490 | 48 | ... | 1 | 153 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 695 |
| | | | Unirrigated ... | ... | ... | 17 | 1 | ... | ... | ... | 1 | ... | 29 | ... | 48 | 6 | ... | .. | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 55 |
| | | | Total ... | 127 | 35 | 267 | 3 | 49 | 12 | 1 | 9 | 3 | 32 | ... | 538 | 54 | ... | 1 | 154 | 1 | ... | .. | ... | ... | ... | .. | ... | 1 | ... | 1 | ... | 750 |
| | | Pakpattan ... | Irrigated ... | 12 | 13 | 138 | 6 | 40 | 4 | ... | ... | ... | ... | ... | 213 | 96 | ... | ... | 106 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 417 |
| | | | Unirrigated ... | ... | 1 | 10 | ... | ... | ... | ... | ... | ... | 21 | ... | 32 | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 45 |
| | | | Total ... | 12 | 14 | 148 | 6 | 40 | 4 | ... | ... | ... | 21 | .. | 245 | 109 | ... | ... | 106 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 462 |
| | | Kasht Barani ... | Irrigated ... | ... | ... | 4 | ... | 6 | ... | ... | ... | ... | ... | ... | 10 | 5 | ... | ... | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23 |
| | | | Unirrigated ... | ... | ... | 9 | 6 | ... | ... | ... | ... | 5 | ... | ... | 20 | 17 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 42 |
| | | | Total ... | ... | .. | 13 | 6 | 6 | ... | ... | ... | 5 | ... | ... | 30 | 22 | ... | ... | 12 | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 65 |
| | | Total District ... | Irrigated ... | 172 | 61 | 496 | 10 | 101 | 28 | 1 | 8 | 4 | 4 | ... | 885 | 165 | ... | 2 | 327 | 2 | ... | ... | ... | ... | ... | ... | ... | 2 | .. | 2 | ... | 1,385 |
| | | | Unirrigated ... | 7 | 3 | 63 | 8 | 1 | ... | ... | 1 | 11 | 63 | 1 | 158 | 59 | ... | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | .. | 231 |
| | | | Total ... | 179 | 64 | 559 | 18 | 102 | 28 | 1 | 9 | 15 | 67 | 1 | 1,043 | 224 | ... | 2 | 340 | 2 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 3 | ... | 1,616 |

*Crop Returns for the Kharíf* 1889 (00' *omitted,* i. e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | China. | Other cereals. | Moth. | Mung. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and Spices. | Fodder. | Others. | Total of all crops. | Remarks. |
| LAHORE. | 30th December 1889. | Lahore ... | Irrigated ... | 106 | 165 | 92 | 4 | ... | ... | 3 | 3 | ... | 4 | 1 | 378 | 3 | 4 | 30 | 71 | 2 | ... | 2 | ... | 5 | 11 | 1 | ... | 4 | ... | 1 | 1 | 513 | |
| | | | Unirrigated ... | 7 | 20 | 271 | 6 | ... | ... | 1 | 14 | 1 | 18 | ... | 338 | 16 | 1 | 1 | 155 | 3 | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 3 | 2 | 522 | |
| | | | Total ... | 113 | 185 | 363 | 10 | ... | ... | 4 | 17 | 1 | 22 | 1 | 716 | 19 | 5 | 31 | 226 | 5 | ... | 2 | ... | 5 | 14 | 1 | .. | 4 | ... | 4 | 3 | 1,035 | |
| | | Kasúr ... | Irrigated ... | 54 | 169 | 150 | 2 | ... | ... | 2 | 8 | .. | 6 | 1 | 392 | 4 | 1 | 20 | 88 | 3 | ... | ... | ... | 1 | 1 | 1 | ... | 8 | ... | 4 | ... | 523 | |
| | | | Unirrigated ... | 3 | 5 | 500 | 8 | ... | ... | 2 | 81 | 4 | 50 | ... | 653 | 17 | ... | ... | 128 | 3 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | 9 | ... | 812 | |
| | | | Total ... | 57 | 174 | 650 | 10 | ... | ... | 4 | 89 | 4 | 56 | 1 | 1,045 | 21 | 1 | 20 | 216 | 6 | ... | ... | ... | 1 | 2 | 2 | ... | 8 | ... | 13 | ... | 1,335 | |
| | | Chuuián ... | Irrigated ... | 62 | 106 | 238 | 1 | ... | ... | 13 | 12 | 1 | 7 | ... | 440 | 5 | ... | 3 | 150 | 2 | ... | ... | ... | 1 | ... | ... | ... | 2 | ... | 7 | 1 | 611 | |
| | | | Unirrigated ... | 1 | 4 | 162 | 2 | ... | .. | 1 | 31 | 2 | 34 | ... | 237 | 11 | ... | ... | 76 | 1 | ... | ... | ... | .. | ... | ... | ... | ... | ... | 10 | ... | 335 | |
| | | | Total ... | 63 | 110 | 400 | 3 | ... | ... | 14 | 43 | 3 | 41 | ... | 677 | 16 | ... | 3 | 226 | 3 | ... | ... | ... | 1 | ... | ... | ... | 2 | ... | 17 | 1 | 946 | |
| | | Sharakpur ... | Irrigated ... | 148 | 57 | 30 | ... | ... | ... | 2 | ... | ... | ... | ... | 237 | ... | 2 | 7 | 32 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 7 | ... | 287 | |
| | | | Unirrigated ... | ... | ... | 48 | 1 | ... | ... | 1 | 3 | 1 | ... | ... | 54 | 4 | ... | .. | 8 | ... | ... | ... | ... | ... | ... | . | ... | ... | .. | 2 | ... | 68 | |
| | | | Total ... | 148 | 57 | 78 | 1 | ... | ... | 3 | 3 | 1 | | ... | 291 | 4 | 2 | 7 | 40 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 9 | ... | 355 | |
| | | Total District ... | Irrigated ... | 370 | 496 | 510 | 7 | ... | ... | 20 | 23 | 1 | 17 | 2 | 1,447 | 12 | 7 | 60 | 341 | 8 | ... | 2 | . | 7 | 13 | 2 | ... | 14 | ... | 19 | 2 | 1,934 | |
| | | | Unirrigated ... | 11 | 29 | 981 | 17 | ... | ... | 6 | 129 | 8 | 102 | ... | 1,282 | 48 | 1 | 1 | 367 | 7 | ... | ... | ... | ... | 4 | 1 | ... | ... | ... | 24 | 2 | 1,737 | |
| | | | Total ... | 381 | 526 | 1,491 | 24 | ... | ... | 25 | 152 | 9 | 119 | 2 | 2,729 | 60 | 8 | 61 | 708 | 15 | .. | 2 | ... | 7 | 17 | 3 | ... | 14 | ... | 43 | 4 | 3,671 | |
| SAR. | ber 1889. | Amritsar ... | Irrigated ... | 110 | 154 | 11 | ... | 1 | ... | 3 | 1 | ... | 6 | ... | 286 | 4 | 30 | 106 | 84 | 2 | ... | ... | ... | 6 | 6 | ... | ... | 2 | ... | ... | 9 | 535 | |
| | | | Unirrigated ... | 4 | 5 | 279 | 1 | ... | ... | 25 | 103 | 62 | 41 | 1 | 521 | 20 | 1 | 1 | 5 | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 98 | 652 | |
| | | | Total ... | 114 | 159 | 290 | 1 | 1 | .. | 28 | 104 | 62 | 47 | 1 | 807 | 24 | 31 | 107 | 89 | 8 | ... | ... | ... | 6 | 6 | ... | .. | 2 | ... | ... | 107 | 1,187 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AMRIT 26th Decem | Tarn Táran ... | Irrigated ... | 84 | 198 | 62 | ... | 2 | ... | 1 | 2 | 1 | 4 | ... | 354 | 4 | 11 | 37 | 76 | 3 | ... | ... | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | 488 |
| | | Unirrigated .. | 3 | 7 | 466 | 1 | 2 | ... | 8 | 75 | 9 | 22 | ... | 593 | 12 | 1 | 1 | 56 | 6 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 670 |
| | | Total ... | 87 | 205 | 528 | 1 | 4 | ... | 9 | 77 | 10 | 26 | ... | 947 | 16 | 12 | 38 | 132 | 9 | ... | ... | ... | 1 | 1 | 1 | ... | 1 | ... | ... | ... | 1,158 |
| | Ajnála ... | Irrigated ... | 131 | 105 | 14 | ... | 1 | 1 | 9 | ... | ... | 5 | 1 | 267 | 1 | 18 | 51 | 54 | 1 | ... | ... | ... | 1 | 1 | 2 | .. | 6 | ... | ... | 5 | 407 |
| | | Unirrigated ... | 6 | 32 | 61 | ... | ... | ... | 1 | 15 | 1 | 9 | ... | 125 | 8 | 2 | 15 | 23 | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 43 | 218 |
| | | Total ... | 137 | 137 | 75 | ... | 1 | 1 | 10 | 15 | 1 | 14 | 1 | 392 | 9 | 20 | 66 | 77 | 2 | ... | ... | ... | 1 | 1 | 3 | ... | 6 | ... | ... | 48 | 625 |
| | Total District ... | Irrigated ... | 325 | 457 | 87 | ... | 4 | 1 | 13 | 3 | 1 | 15 | 1 | 907 | 9 | 59 | 194 | 214 | 6 | ... | ... | ... | 8 | 8 | 2 | .. | 9 | ... | ... | 14 | 1,430 |
| | | Unirrigated ... | 13 | 44 | 806 | 2 | 2 | ... | 34 | 193 | 72 | 72 | 1 | 1,239 | 40 | 4 | 17 | 84 | 13 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 141 | 1,540 |
| | | Total ... | 338 | 501 | 893 | 2 | 6 | 1 | 47 | 196 | 73 | 87 | 2 | 2,146 | 49 | 63 | 211 | 298 | 19 | ... | ... | ... | 8 | 8 | 4 | ... | 9 | ... | ... | 155 | 2,970 |
| GURDASPUR. 17th December 1889. | Gurdáspur ... | Irrigated ... | 68 | 15 | 1 | ... | ... | ... | 2 | ... | ... | 5 | ... | 91 | 2 | 1 | 88 | 18 | ... | ... | ... | ... | 1 | 3 | ... | ... | 1 | ... | 3 | ... | 208 |
| | | Unirrigated ... | 184 | 120 | 11 | 1 | 1 | ... | 49 | 147 | 6 | 202 | ... | 721 | 76 | 6 | 87 | 42 | 7 | ... | ... | ... | 3 | 1 | ... | ... | ... | ... | 107 | ... | 1,050 |
| | | Total ... | 252 | 135 | 12 | 1 | 1 | ... | 51 | 147 | 6 | 207 | ... | 812 | 78 | 7 | 175 | 60 | 7 | ... | ... | ... | 4 | 4 | ... | ... | 1 | ... | 110 | ... | 1,258 |
| | Batála ... | Irrigated ... | 60 | 99 | 2 | ... | ... | ... | 10 | 1 | ... | 19 | .. | 191 | 2 | 20 | 138 | 57 | 1 | ... | ... | ... | 2 | 6 | ... | ... | 1 | ... | 11 | ... | 429 |
| | | Unirrigated ... | 42 | 25 | 25 | ... | 4 | ... | 44 | 88 | 7 | 141 | ... | 376 | 67 | ... | 28 | 13 | 6 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 202 | ... | 694 |
| | | Total ... | 102 | 124 | 27 | ... | 4 | ... | 54 | 89 | 7 | 160 | ... | 567 | 69 | 20 | 166 | 70 | 7 | ... | ... | ... | 3 | 7 | ... | ... | 1 | ... | 213 | ... | 1,123 |
| | Shakargarh ... | Irrigated ... | 6 | 14 | 1 | ... | 1 | ... | 1 | ... | ... | 5 | ... | 28 | 1 | 4 | 13 | 4 | ... | ... | ... | ... | 1 | 2 | ... | ... | 2 | ... | 4 | ... | 59 |
| | | Unirrigated ... | 124 | 177 | 79 | 38 | 27 | ... | 27 | 59 | 2 | 78 | ... | 611 | 17 | 21 | 144 | 155 | 10 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 132 | ... | 1,092 |
| | | Total ... | 130 | 191 | 80 | 38 | 28 | ... | 28 | 59 | 2 | 83 | ... | 639 | 18 | 25 | 157 | 159 | 10 | ... | ... | ... | 2 | 3 | ... | ... | 2 | ... | 136 | ... | 1,151 |
| | Pathánkot ... | Irrigated ... | 245 | 8 | 1 | ... | ... | ... | 2 | ... | ... | 2 | ... | 258 | ... | 2 | 11 | 14 | 1 | ... | ... | ... | 1 | 1 | .. | 1 | ... | 1 | ... | ... | 290 |
| | | Unirrigated ... | 62 | 134 | 10 | 9 | ... | ... | 51 | 5 | ... | 72 | ... | 343 | 15 | 7 | 37 | 54 | 8 | ... | ... | ... | 4 | 2 | ... | 1 | ... | 2 | 9 | 2 | 484 |
| | | Total ... | 307 | 142 | 11 | 9 | ... | ... | 53 | 5 | ... | 74 | ... | 601 | 15 | 9 | 48 | 68 | 9 | ... | ... | ... | 5 | 3 | ... | 2 | ... | 3 | 9 | 2 | 774 |
| | Total District ... | Irrigated ... | 379 | 136 | 5 | ... | 1 | ... | 15 | 1 | ... | 31 | ... | 568 | 5 | 27 | 250 | 93 | 2 | ... | ... | ... | 5 | 12 | ... | 1 | 4 | 1 | 18 | ... | 986 |
| | | Unirrigated ... | 412 | 456 | 125 | 48 | 32 | ... | 171 | 299 | 15 | 493 | ... | 2,051 | 175 | 34 | 296 | 264 | 31 | ... | ... | ... | 9 | 4 | .. | 1 | ... | 2 | 451 | 2 | 3,320 |
| | | Total ... | 791 | 592 | 130 | 48 | 33 | ... | 186 | 300 | 15 | 524 | ... | 2,619 | 180 | 61 | 546 | 357 | 33 | ... | ... | ... | 14 | 16 | ... | 2 | 4 | 3 | 469 | 2 | 4,306 |

*Crop Returns for the Kharif* 1889 (00' *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or chari. | Bájra. | Kangni. | China. | Other cereals. | Moth. | Múng. | Másh. | Others pulses. | Total cereals and pulses. | Others. | Til. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| SIALKOT. | 17th December 1889. | Siálkot ... | Irrigated ... | 144 | 104 | 8 | 1 | ... | 1 | 11 | 1 | ... | 1 | 1 | 272 | 1 | 6 | 65 | 55 | 1 | ... | ... | ... | 1 | 4 | 1 | 1 | 2 | ... | 6 | ... | 415 | |
| | | | Unirrigated ... | 42 | 95 | 169 | 21 | 11 | 1 | 56 | 10 | 2 | 24 | 5 | 436 | 11 | 5 | 34 | 71 | 11 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 31 | 4 | 605 | |
| | | | Total ... | 186 | 199 | 177 | 22 | 11 | 2 | 67 | 11 | 2 | 25 | 6 | 708 | 12 | 11 | 99 | 126 | 12 | 1 | ... | ... | 1 | 4 | 2 | 1 | 2 | ... | 37 | 4 | 1,020 | |
| | | Daska ... | Irrigated ... | 97 | 141 | 21 | 2 | 1 | ... | 15 | 10 | 1 | ... | 1 | 289 | 2 | 20 | 76 | 103 | 4 | 1 | ... | ... | 2 | ... | ... | ... | 2 | ... | 2 | ... | 501 | |
| | | | Unirrigated ... | 1 | 10 | 134 | 8 | ... | ... | 1 | 7 | ... | ... | ... | 161 | 5 | 1 | ... | 11 | 1 | ... | ... | .. | ... | ... | 1 | ... | ... | ... | 1 | ... | 181 | |
| | | | Total ... | 98 | 151 | 155 | 10 | 1 | ... | 16 | 17 | 1 | ... | 1 | 450 | 7 | 21 | 76 | 114 | 5 | 1 | ... | ... | 2 | ... | 1 | ... | 2 | ... | 3 | ... | 682 | |
| | | Pasrúr ... | Irrigated ... | 135 | 51 | 23 | 1 | 2 | ... | 8 | 1 | ... | 4 | 1 | 226 | 1 | 12 | 50 | 42 | 2 | ... | ... | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | 236 | |
| | | | Unirrigated ... | 18 | 69 | 116 | 2 | 32 | ... | 8 | 16 | 1 | 17 | 1 | 280 | 5 | 22 | 26 | 49 | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 6 | ... | 393 | |
| | | | Total ... | 153 | 120 | 139 | 3 | 34 | ... | 16 | 17 | 1 | 21 | 2 | 506 | 6 | 34 | 76 | 91 | 6 | ... | ... | ... | 1 | 1 | 1 | ... | 1 | ... | 6 | ... | 729 | |
| | | Raya ... | Irrigated ... | 167 | 67 | 16 | ... | 2 | ... | 13 | ... | ... | 5 | 1 | 271 | 2 | 14 | 49 | 25 | 1 | ... | ... | ... | ... | 2 | ... | ... | 3 | ... | 10 | ... | 377 | |
| | | | Unirrigated ... | 23 | 63 | 72 | 2 | 17 | ... | 9 | 9 | 3 | 24 | 1 | 223 | 7 | 11 | 44 | 38 | 3 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 8 | ... | 335 | |
| | | | Total ... | 190 | 130 | 88 | 2 | 19 | ... | 22 | 9 | 3 | 29 | 2 | 494 | 9 | 25 | 93 | 63 | 4 | ... | ... | ... | ... | 2 | 1 | ... | 3 | ... | 18 | ... | 712 | |
| | | Zafarwál ... | Irrigated ... | 42 | 53 | 5 | ... | 2 | ... | 5 | 1 | ... | 6 | ... | 114 | 1 | 12 | 53 | 22 | 1 | ... | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | 1 | 207 | |
| | | | Unirrigated ... | 37 | 73 | 95 | 5 | 29 | ... | 27 | 20 | 4 | 38 | 3 | 331 | 13 | 4 | 23 | 42 | 3 | ... | ... | ... | 1 | 1 | 1 | ... | ... | ... | 17 | ... | 436 | |
| | | | Total ... | 79 | 126 | 100 | 5 | 31 | ... | 32 | 21 | 4 | 44 | 3 | 445 | 14 | 16 | 76 | 64 | 4 | ... | ... | ... | 1 | 3 | 1 | ... | 1 | ... | 17 | 1 | 643 | |
| | | Total District ... | Irrigated ... | 585 | 416 | 73 | 4 | 7 | 1 | 52 | 13 | 1 | 16 | 4 | 1,172 | 7 | 64 | 293 | 247 | 9 | 1 | ... | ... | 4 | 9 | 1 | 1 | 9 | ... | 18 | 1 | 1,836 | |
| | | | Unirrigated ... | 121 | 310 | 586 | 38 | 89 | 1 | 101 | 62 | 10 | 103 | 10 | 1,431 | 41 | 43 | 127 | 211 | 22 | 1 | ... | ... | 1 | 1 | 5 | ... | ... | ... | 63 | 4 | 1,950 | |
| | | | Total ... | 706 | 726 | 659 | 42 | 96 | 2 | 153 | 75 | 11 | 119 | 14 | 2,603 | 48 | 107 | 420 | 458 | 31 | 2 | ... | ... | 5 | 10 | 6 | 1 | 9 | ... | 81 | 5 | 3,786 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUJRAT. 17th December 1889. | Gujrát ... | Irrigated ... | 53 | 81 | 40 | 56 | 1 | 1 | 10 | 5 | ... | ... | ... | 247 | 4 | 13 | 18 | 52 | 2 | ... | 1 | ... | 1 | 1 | ... | ... | 2 | ... | 1 | ... | 342 |
| | | Unirrigated ... | ... | 19 | 133 | 203 | ... | 1 | 3 | 59 | 1 | 2 | ... | 421 | 14 | 1 | 1 | 58 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | ... | 504 |
| | | Total ... | 53 | 100 | 173 | 259 | 1 | 2 | 13 | 64 | 1 | 2 | ... | 668 | 18 | 14 | 19 | 110 | 7 | ... | 1 | ... | 1 | 1 | ... | ... | 2 | ... | 5 | ... | 846 |
| | Khárián ... | Irrigated ... | 7 | 7 | 4 | 12 | ... | 1 | ... | 2 | 1 | 1 | ... | 35 | 1 | ... | 2 | 9 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | .. | ... | 48 |
| | | Unirrigated ... | ... | 7 | 275 | 546 | ... | 1 | 7 | 161 | 27 | 2 | ... | 1,026 | 16 | ... | 1 | 132 | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 | ... | 1,189 |
| | | Total ... | 7 | 14 | 279 | 558 | ... | 2 | 7 | 163 | 28 | 3 | ... | 1,061 | 17 | ... | 3 | 141 | 7 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 7 | ... | 1,237 |
| | Phália ... | Irrigated ... | 26 | 43 | 51 | 40 | ... | ... | 4 | 7 | 2 | 5 | 1 | 179 | 5 | 9 | 44 | 87 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 9 | ... | 334 |
| | | Unirrigated ... | ... | 2 | 125 | 353 | ... | ... | 1 | 27 | 5 | ... | ... | 513 | 31 | 1 | ... | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29 | ... | 661 |
| | | Total ... | 26 | 45 | 176 | 393 | ... | ... | 5 | 34 | 7 | 5 | 1 | 692 | 36 | 10 | 44 | 174 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 38 | ... | 995 |
| | Total District ... | Irrigated ... | 86 | 131 | 95 | 108 | 1 | 2 | 14 | 14 | 3 | 6 | 1 | 461 | 10 | 22 | 64 | 148 | 2 | ... | 1 | ... | 2 | 1 | ... | .. | 3 | ... | 10 | ... | 724 |
| | | Unirrigated ... | ... | 28 | 533 | 1,102 | ... | 2 | 11 | 247 | 33 | 4 | ... | 1,960 | 61 | 2 | 2 | 277 | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 40 | ... | 2,354 |
| | | Total ... | 86 | 159 | 628 | 1,210 | 1 | 4 | 25 | 261 | 36 | 10 | 1 | 2,421 | 71 | 24 | 66 | 425 | 14 | ... | 1 | ... | 2 | 1 | ... | ... | 3 | ... | 50 | ... | 3,078 |
| GUJRANWALA. 30th December 1889. | Gujránwála ... | Irrigated ... | 49 | 101 | 25 | 1 | 1 | 1 | 7 | 4 | ... | 1 | 1 | 191 | 2 | 22 | 89 | 105 | 3 | ... | ... | ... | 2 | 2 | 1 | ... | ... | ... | 15 | ... | 432 |
| | | Unirrigated ... | 1 | 1 | 295 | 4 | 1 | ... | 13 | 171 | 58 | 2 | 1 | 547 | 25 | 3 | 5 | 47 | 3 | ... | ... | ... | ... | ... | 5 | ... | ... | ... | 81 | ... | 716 |
| | | Total ... | 50 | 102 | 320 | 5 | 2 | 1 | 20 | 175 | 58 | 3 | 2 | 738 | 27 | 25 | 94 | 152 | 6 | ... | ... | ... | 2 | 2 | 6 | ... | ... | ... | 96 | ... | 1,148 |
| | Wazirabad ... | Irrigated ... | 54 | 67 | 44 | 1 | ... | 2 | 8 | 10 | 1 | ... | ... | 187 | ... | 20 | 64 | 84 | 2 | ... | .. | ... | 1 | ... | ... | ... | 1 | ... | 2 | 2 | 363 |
| | | Unirrigated ... | 6 | 11 | 115 | 11 | ... | ... | 2 | 63 | 11 | 2 | 1 | 222 | 4 | 1 | 3 | 7 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | 239 |
| | | Total ... | 60 | 78 | 159 | 12 | ... | 2 | 10 | 73 | 12 | 2 | 1 | 409 | 4 | 21 | 67 | 91 | 2 | ... | ... | .. | 1 | ... | 1 | ... | 1 | ... | 3 | 2 | 602 |
| | Háfizabad ... | Irrigated ... | 100 | 28 | 102 | 26 | 1 | 6 | 10 | 4 | 8 | 1 | 1 | 287 | 6 | 4 | 53 | 85 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 436 |
| | | Unirrigated ... | 2 | 12 | 242 | 34 | 1 | ... | 9 | 123 | 82 | 6 | 1 | 512 | 40 | 1 | 8 | 72 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 634 |
| | | Total ... | 102 | 40 | 344 | 60 | 2 | 6 | 19 | 127 | 90 | 7 | 2 | 799 | 46 | 5 | 61 | 157 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1070 |
| | Total District ... | Irrigated ... | 203 | 196 | 171 | 28 | 2 | 9 | 25 | 18 | 9 | 2 | 2 | 665 | 8 | 46 | 206 | 274 | 6 | ... | ... | ... | 3 | 2 | 1 | ... | 1 | ... | 17 | 2 | 1,231 |
| | | Unirrigated ... | 9 | 24 | 652 | 49 | 2 | ... | 24 | 357 | 151 | 10 | 3 | 1,281 | 69 | 5 | 16 | 126 | 4 | ... | ... | ... | ... | ... | 6 | ... | ... | ... | 82 | ... | 1,589 |
| | | Total ... | 212 | 220 | 823 | 77 | 4 | 9 | 49 | 375 | 160 | 12 | 5 | 1946 | 77 | 51 | 222 | 400 | 10 | ... | ... | ... | 3 | 2 | 7 | ... | 1 | ... | 99 | 2 | 2,820 |

*Crop Returns for the Kharíf* 1889 (00, *omitted, i.e., areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which Statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | Chína. | Other Cereals. | Moth. | Mung. | Másh. | Other Pulses. | Total Cereals and Pulses. | Til. | Others. | Sugarcane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and Spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| SHAHPUR. | 16th December 1889. | Shahpur ... | Irrigated ... | 1 | 3 | 124 | 54 | ... | 13 | 2 | 3 | 1 | ... | ... | 201 | 7 | ... | 1 | 152 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | 363 | |
| | | | Unirrigated ... | 2 | ... | 20 | 69 | ... | ... | ... | 3 | ... | 1 | ... | 95 | 3 | ... | ... | 6 | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | 1 | ... | 105 | |
| | | | Total ... | 3 | 3 | 144 | 123 | ... | 13 | 2 | 6 | 1 | 1 | ... | 296 | 10 | ... | 1 | 158 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 2 | ... | 468 | |
| | | Bhera ... | Irrigated ... | 8 | 24 | 82 | 68 | 1 | 2 | 1 | 5 | 1 | ... | ... | 192 | 8 | ... | 14 | 96 | ... | ... | ... | ... | ... | 1 | ... | ... | .. | ... | 1 | 2 | 314 | |
| | | | Unirrigated .. | 1 | 6 | 71 | 282 | ... | ... | ... | 8 | 2 | 2 | 1 | 373 | 21 | ... | ... | 82 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 476 | |
| | | | Total ... | 9 | 30 | 153 | 350 | 1 | 2 | 1 | 13 | 3 | 2 | 1 | 565 | 29 | ... | 14 | 178 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | . | 1 | 2 | 790 | |
| | | Khusháb ... | Irrigated ... | ... | 4 | 11 | 4 | ... | 2 | 1 | ... | ... | ... | ... | 22 | ... | ... | ... | 8 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 31 | |
| | | | Unirrigated ... | 3 | 16 | 86 | 489 | ... | ... | 2 | 75 | 30 | 1 | ... | 702 | 1 | ... | ... | 30 | 1 | ... | ... | .. | ... | ... | 64 | ... | ... | ... | 1 | ... | 799 | |
| | | | Total ... | 3 | 20 | 97 | 493 | ... | 2 | 3 | 75 | 30 | 1 | ... | 724 | 1 | ... | ... | 38 | 1 | ... | ... | ... | ... | ... | 64 | ... | 1 | ... | 1 | ... | 830 | |
| | | Total District ... | Irrigated ... | 9 | 30 | 218 | 126 | 1 | 17 | 4 | 8 | 2 | ... | ... | 415 | 15 | ... | 15 | 256 | ... | ... | ... | ... | .. | 2 | ... | ... | 1 | ... | 2 | 2 | 708 | |
| | | | Unirrigated ... | 6 | 23 | 176 | 840 | ... | ... | 2 | 86 | 32 | 4 | 1 | 1,170 | 24 | ... | ... | 119 | 1 | ... | ... | ... | ... | ... | 64 | ... | ... | ... | 2 | ... | 1,380 | |
| | | | Total ... | 15 | 53 | 394 | 966 | 1 | 17 | 6 | 94 | 34 | 4 | 1 | 1,585 | 39 | ... | 15 | 375 | 1 | ... | ... | ... | ... | 2 | 64 | ... | 1 | ... | 4 | 2 | 2,088 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jhelum ... | Irrigated ... | ... | 7 | 2 | 5 | ... | ... | ... | ... | ... | ... | ... | 14 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | 1 | 19 |
| | Unirrigated ... | 3 | 6 | 63 | 527 | ... | ... | ... | 110 | 64 | 3 | ... | 776 | 2 | ... | ... | 95 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 878 |
| | Total ... | 3 | 13 | 65 | 532 | ... | ... | .. | 110 | 64 | 3 | ... | 790 | 2 | ... | ... | 97 | 4 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | 2 | 897 |
| Pind Dádan Khan | Irrigated ... | ... | 21 | 15 | 17 | ... | ... | 1 | 1 | ... | ... | ... | 55 | ... | ... | 3 | 17 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 76 |
| | Unirrigated ... | 4 | 10 | 100 | 417 | 1 | ... | 3 | 16 | 39 | 2 | ... | 592 | 2 | ... | ... | 47 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 643 |
| | Total ... | 4 | 31 | 115 | 434 | 1 | ... | 4 | 17 | 39 | 2 | ... | 647 | 2 | ... | 3 | 64 | 1 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 719 |
| Chakwál ... | Irrigated ... | ... | 5 | 1 | 10 | ... | ... | ... | ... | ... | ... | ... | 16 | ... | ... | ... | 13 | ... | ... | ... | ... | ... | 1 | ... | ... | 3 | ... | ... | ... | 33 |
| | Unirrigated ... | 1 | 1 | 56 | 658 | ... | ... | ... | 98 | 115 | 4 | ... | 933 | 1 | ... | ... | 71 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,010 |
| | Total ... | 1 | 6 | 57 | 668 | ... | ... | ... | 98 | 115 | 4 | ... | 949 | 1 | ... | ... | 84 | 5 | ... | ... | ... | ... | 1 | ... | ... | 3 | ... | ... | ... | 1,043 |
| Talagang ... | Irrigated ... | ... | ... | ... | 20 | ... | ... | ... | ... | ... | ... | ... | 20 | ... | ... | ... | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 |
| | Unirrigated ... | ... | ... | 86 | 485 | ... | ... | ... | 107 | 11 | ... | ... | 689 | 1 | ... | ... | 105 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | ... | 805 |
| | Total ... | ... | ... | 86 | 505 | ... | ... | ... | 107 | 11 | ... | ... | 709 | 1 | ... | ... | 112 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | ... | 832 |
| Total District ... | Irrigated ... | ... | 33 | 18 | 52 | ... | ... | 1 | 1 | ... | ... | ... | 105 | ... | ... | 3 | 39 | ... | ... | ... | ... | 1 | 2 | ... | ... | 4 | ... | ... | 1 | 155 |
| | Unirrigated ... | 8 | 17 | 305 | 2,087 | 1 | ... | 3 | 331 | 229 | 9 | ... | 2,990 | 6 | ... | ... | 318 | 11 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 9 | 1 | 3,336 |
| | Total ... | 8 | 50 | 323 | 2,139 | 1 | ... | 4 | 332 | 229 | 9 | ... | 3,095 | 6 | ... | 3 | 357 | 11 | ... | ... | ... | 1 | 3 | ... | ... | 4 | ... | 9 | 2 | 3,491 |

JHELUM.
16th December 1889.

*Crop Returns for the Kharíf* 1889 (00' *omitted,* i. e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 3 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which Statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or Chari. | Bájra. | Kangni. | Chí a. | Other Cereals. | Moth. | Mung. | Másh. | Other Pulses. | Total Cereals and Pulses. | Til. | Others. | Sugarcane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and Spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| | | Ráwalpindi ... | Irrigated ... | 1 | 25 | 1 | 1 | ... | ... | 1 | ... | 1 | ... | ... | 30 | ... | ... | 1 | 4 | ... | ... | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 38 | |
| | | | Unirrigated ... | ... | 92 | 155 | 590 | ... | ... | ... | 87 | 52 | 20 | 1 | 997 | 3 | ... | ... | 98 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,101 | |
| | | | Total ... | 1 | 117 | 156 | 591 | ... | ... | 1 | 87 | 53 | 20 | 1 | 1,027 | 3 | ... | 1 | 102 | 3 | ... | | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 1,139 | |
| | | Pindigheb ... | Irrigated ... | ... | 14 | ... | 15 | ... | ... | ... | ... | ... | ... | ... | 29 | ... | ... | ... | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 37 | |
| | | | Unirrigated ... | ... | ... | 19 | 286 | ... | ... | ... | 51 | 1 | ... | ... | 357 | 2 | ... | ... | 76 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 435 | |
| | | | Total ... | ... | 14 | 19 | 301 | ... | ... | ... | 51 | 1 | ... | ... | 386 | 2 | ... | ... | 84 | .. | ... | ... | ... | ... | .. | .. | ... | ... | ... | ... | ... | 472 | |
| | | Attock ... | Irrigated ... | ... | 95 | 4 | 5 | ... | ... | ... | 1 | 1 | ... | ... | 106 | ... | ... | 16 | 25 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 148 | |
| | | | Unirrigated ... | ... | 48 | 54 | 177 | ... | ... | ... | 61 | 49 | ... | ... | 389 | ... | ... | ... | 48 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 439 | |
| | | | Total ... | ... | 143 | 58 | 182 | ... | ... | ... | 62 | 50 | ... | ... | 495 | ... | ... | 16 | 73 | ... | ... | ... | ... | | 2 | ... | ... | ... | ... | ... | 1 | 587 | |
| | | Kahúta ... | Irrigated ... | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | . | ... | 1 | ... | ... | ... | 4 | |
| | | | Unirrigoted ... | ... | 78 | 19 | 261 | 4 | ... | 1 | 64 | 26 | 19 | 4 | 476 | 2 | ... | ... | 42 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 523 | |
| PINDI. | ber 1889. | | Total ... | 2 | 79 | 19 | 261 | 4 | ... | 1 | 64 | 26 | 19 | 4 | 479 | 2 | ... | ... | 42 | 3 | ... | ... | .. | ... | ... | ... | ... | 1 | ... | ... | ... | 527 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RAWAL | 17th Decem | Gujar Khan ... | Irrigated ... | ... | 3 | ... | ... | ... | .. | .. | ... | ... | ... | ... | 3 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 6 |
| | | | Unirrigated ... | ... | 9 | 137 | 472 | ... | ... | ... | 102 | 164 | 31 | ... | 915 | 1 | ... | ... | 65 | 6 | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | 1 | 988 |
| | | | Total ... | ... | 12 | 137 | 472 | ... | ... | ... | 102 | 164 | 31 | ... | 918 | 1 | ... | ... | 67 | 6 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 994 |
| | | Fátahjang ... | Irrigated ... | ... | 42 | . | 2 | ... | ... | ... | ... | ... | ... | ... | 44 | ... | .. | ... | 13 | ... | ... | ... | ... | .. | 1 | ... | ... | ... | ... | ... | ... | 58 |
| | | | Unirrigated ... | 1 | 6 | 43 | 624 | ... | ... | ... | 44 | 19 | ... | ... | 737 | 1 | ... | ... | 66 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | 1 | 807 |
| | | | Total ... | 1 | 48 | 43 | 626 | ... | ... | ... | 44 | 19 | .. | ... | 781 | 1 | ... | ... | 79 | 2 | ... | . . | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 865 |
| | | Murree ... | Irrigated ... | 11 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | 13 |
| | | | Unirrigated ... | 1 | 171 | 1 | 13 | 36 | ... | 8 | 1 | ... | 18 | 7 | 256 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 13 | ... | ... | ... | ... | 1 | 274 |
| | | | Total ... | 12 | 172 | 1 | 13 | 36 | ... | 8 | 1 | ... | 19 | 7 | 269 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 13 | ... | ... | ... | ... | 1 | 287 |
| | | Total District ... | Irrigated ... | 14 | 181 | 5 | 23 | ... | ... | 1 | 1 | 2 | 1 | ... | 228 | ... | ... | 17 | 52 | ... | ... | ... | ... | ... | 4 | ... | ... | 3 | ... | ... | ... | 304 |
| | | | Unirrigated ... | 2 | 404 | 428 | 2,423 | 40 | ... | 9 | 410 | 311 | 88 | 12 | 4,127 | 10 | ... | ... | 398 | 14 | ... | ... | ... | ... | 1 | 13 | ... | ... | ... | ... | 4 | 4,567 |
| | | | Total ... | 16 | 585 | 433 | 2,446 | 40 | ... | 10 | 411 | 313 | 89 | 12 | 4,355 | 10 | ... | 17 | 450 | 14 | ... | ... | ... | ... | 5 | 13 | ... | 3 | .. | ... | 4 | 4,871 |
| HAZARA. | | Abbott-abad ... | Irrigated ... | 31 | 23 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 55 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | .. | ... | ... | 58 |
| | | | Unirrigated ... | ... | 645 | 1 | 1 | 38 | 7 | 4 | 20 | 4 | 53 | 59 | 882 | 4 | ... | ... | 10 | ... | .. | ... | .. | ... | ... | 8 | ... | ... | ... | ... | ... | 854 |
| | | | Total ... | 31 | 668 | 1 | 1 | 38 | 7 | 4 | 20 | 4 | 54 | 59 | 887 | 4 | ... | 1 | 11 | ... | ... | ... | ... | ... | ... | 8 | 1 | ... | ... | ... | .. | 912 |
| | | Haripur ... | Irrigated ... | 8 | 97 | 3 | 1 | ... | ... | 1 | 1 | 1 | ... | 4 | 116 | ... | ... | 7 | 22 | ... | ... | :. | ... | ... | 1 | ... | 5 | 1 | ... | 1 | ... | 153 |
| | | | Unirrigated ... | ... | 211 | 11 | 95 | 5 | 1 | 4 | 85 | 9 | 4 | 15 | 440 | 2 | ... | ... | 65 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | 508 |
| | | | Total ... | 8 | 308 | 14 | 96 | 5 | 1 | 5 | 86 | 10 | 4 | 19 | 556 | 2 | ... | 7 | 87 | ... | 1 | .. | ... | ... | 1 | ... | 5 | 1 | .. | 1 | ... | 661 |
| | | Mansahra ... | Irrigated ... | 107 | 23 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 131 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 132 |
| | | | Unirrigated ... | ... | 831 | ... | ... | 22 | 2 | 2 | 12 | 1 | 63 | 33 | 966 | 1 | ... | ... | 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 988 |
| | | | Total ... | 107 | 854 | ... | ... | 22 | 2 | 2 | 12 | 1 | 64 | 33 | 1,097 | 1 | ... | ... | 20 | ... | ... | ... | ... | .. | 1 | ... | ... | ... | ... | ... | ... | 1,120 |
| | | Total District ... | Irrigated ... | 146 | 143 | 3 | 1 | ... | ... | 1 | 1 | 1 | 2 | 4 | 302 | ... | ... | 8 | 23 | ... | ... | ... | ... | ... | 2 | ... | 6 | 1 | ... | 1 | ... | 343 |
| | | | Unirrigated ... | ... | 1,687 | 12 | 96 | 65 | 10 | 10 | 117 | 14 | 120 | 107 | 2,238 | 7 | ... | ... | 96 | ... | 1 | ... | ... | ... | ... | 8 | ... | ... | ... | ... | ... | 2,350 |
| | | | Total ... | 146 | 1,830 | 15 | 97 | 65 | 10 | 11 | 118 | 15 | 122 | 111 | 2,540 | 7 | ... | 8 | 119 | ... | 1 | ... | ... | ... | 2 | 8 | 6 | 1 | ... | 1 | ... | 2,693 |

*Crop Return for the Kharíf* 1889 *(00, omitted,* i.e., *areas stated in hundreds of acres), Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 38 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oils seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or chari. | Bájra. | Kangni. | Chína. | Other cereals. | Moth. | Mung. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| ...AWAR. | ...uary 1890. | Pesháwar ... | Irrigated ... | 15 | 214 | 20 | ... | ... | ... | ... | 2 | 6 | 2 | 3 | 262 | ... | ... | 3 | 79 | ... | ... | ... | ... | 7 | 4 | 1 | ... | 2 | ... | ... | ... | 358 | |
| | | | Unirrigated ... | ... | 7 | 3 | ... | ... | ... | ... | 1 | 2 | ... | ... | 13 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 18 | |
| | | | Total ... | 15 | 221 | 23 | ... | ... | ... | ... | 3 | 8 | 2 | 3 | 275 | ... | ... | 3 | 83 | ... | ... | ... | ... | 7 | 4 | 2 | ... | 2 | ... | .. | ... | 376 | |
| | | Doába Daudzai... | Irrigated ... | 79 | 242 | 14 | ... | .. | ... | ... | 1 | 6 | 1 | 7 | 350 | ... | ... | 54 | 59 | 1 | ... | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 467 | |
| | | | Unirrigated ... | ... | 5 | 1 | ... | ... | ... | ... | ... | 2 | ... | ... | 8 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | |
| | | | Total ... | 79 | 247 | 15 | ... | ... | ... | ... | 1 | 8 | 1 | 7 | 358 | ... | ... | 54 | 61 | 1 | ... | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 477 | |
| | | Hashatnagar ... | Irrigated ... | 23 | 179 | 20 | ... | ... | ... | ... | ... | 1 | 1 | 1 | 225 | 6 | ... | 17 | 60 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 1 | 1 | 312 | |
| | | | Unirrigated ... | ... | 26 | 17 | ... | ... | ... | ... | 1 | ... | 1 | ... | 45 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | 58 | |
| | | | Total ... | 23 | 205 | 37 | ... | ... | ... | ... | 1 | 1 | 2 | 1 | 270 | 6 | ... | 17 | 64 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 1 | 10 | 370 | |
| | | Naushahra ... | Irrigated ... | ... | 88 | 10 | ... | ... | ... | ... | 1 | ... | ... | ... | 99 | ... | ... | 1 | 7 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 109 | |
| | | | Unirrigated ... | ... | 54 | 40 | 2 | ... | ... | ... | 1 | ... | ... | ... | 97 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 101 | |
| | | | Total ... | ... | 142 | 50 | 2 | ... | ... | ... | 2 | ... | ... | ... | 196 | 1 | ... | 1 | 9 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 1 | 210 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PESH | 23rd Jan | Mardan ... | Irrigated ... | 4 | 183 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | 197 | 5 | ... | 7 | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 216 |
| PESH | 23rd Jan | Mardan ... | Unirrigated ... | ... | 28 | 76 | 2 | 1 | ... | ... | 54 | 1 | ... | ... | 162 | 10 | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | ... | 188 |
| PESH | 23rd Jan | Mardan | Total ... | 4 | 211 | 86 | 2 | 1 | ... | ... | 54 | 1 | ... | ... | 359 | 15 | ... | 7 | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | ... | 404 |
| PESH | 23rd Jan | Utman Bolak ... | Irrigated ... | ... | 166 | 5 | 1 | ... | ... | ... | ... | ... | ... | ... | 172 | ... | ... | 5 | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 190 |
| PESH | 23rd Jan | Utman Bolak ... | Unirrigated ... | ... | 13 | 74 | 34 | ... | ... | ... | 115 | 21 | ... | ... | 257 | 4 | ... | ... | 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 277 |
| PESH | 23rd Jan | Utman Bolak | Total ... | ... | 179 | 79 | 35 | ... | ... | ... | 115 | 21 | ... | ... | 429 | 4 | ... | 5 | 29 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 467 |
| PESH | 23rd Jan | Total ... | Irrigated ... | 121 | 1,072 | 79 | 1 | ... | ... | ... | 4 | 13 | 4 | 11 | 1,305 | 11 | ... | 87 | 225 | 1 | ... | ... | ... | 8 | 9 | 1 | ... | 3 | ... | 1 | 1 | 1,652 |
| PESH | 23rd Jan | Total ... | Unirrigated ... | ... | 133 | 211 | 38 | 1 | ... | ... | 172 | 26 | 1 | ... | 582 | 15 | ... | ... | 34 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 10 | 10 | 652 |
| PESH | 23rd Jan | Total | Total ... | 121 | 1,205 | 290 | 39 | 1 | ... | ... | 176 | 39 | 5 | 11 | 1,887 | 26 | ... | 87 | 259 | 1 | ... | ... | .. | 8 | 9 | 2 | ... | 3 | ... | 11 | 11 | 2,304 |
| KOHAT. | 17th December 1889. | Kohát ... | Irrigated ... | 12 | 80 | 1 | 2 | ... | ... | ... | ... | 4 | ... | ... | 99 | ... | ... | 1 | 10 | ... | ... | .. | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 111 |
| KOHAT. | 17th December 1889. | Kohát ... | Unirrigated ... | ... | 6 | 6 | 91 | ... | ... | ... | ... | 7 | ... | ... | 110 | ... | ... | ... | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 118 |
| KOHAT. | 17th December 1889. | Kohát | Total ... | 12 | 86 | 7 | 93 | ... | ... | ... | ... | 11 | ... | ... | 209 | ... | ... | 1 | 18 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 229 |
| KOHAT. | 17th December 1889. | Hangu ... | Irrigated ... | 15 | 54 | ... | 1 | ... | ... | ... | ... | 5 | ... | ... | 75 | ... | ... | ... | 3 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 79 |
| KOHAT. | 17th December 1889. | Hangu ... | Unirrigated ... | ... | 54 | ... | 75 | 24 | ... | ... | ... | 19 | ... | ... | 172 | 6 | ... | ... | 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 193 |
| KOHAT. | 17th December 1889. | Hangu | Total ... | 15 | 108 | ... | 76 | 24 | ... | ... | ... | 24 | ... | ... | 247 | 6 | ... | ... | 18 | .. | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 272 |
| KOHAT. | 17th December 1889. | Bárak ... | Irrigated ... | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| KOHAT. | 17th December 1889. | Bárak ... | Unirrigated ... | ... | ... | 27 | 347 | ... | ... | ... | 49 | 9 | ... | ... | 432 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | 436 |
| KOHAT. | 17th December 1889. | Bárak | Total ... | ... | ... | 27 | 351 | ... | ... | ... | 49 | 9 | ... | ... | 436 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 440 |
| KOHAT. | 17th December 1889. | Total ... | Irrigated ... | 27 | 134 | 1 | 7 | ... | ... | ... | ... | 9 | ... | ... | 178 | ... | ... | 1 | 13 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | .. | ... | ... | 194 |
| KOHAT. | 17th December 1889. | Total ... | Unirrigated ... | ... | 60 | 33 | 513 | 24 | ... | ... | 49 | 35 | ... | ... | 714 | 6 | ... | ... | 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 747 |
| KOHAT. | 17th December 1889. | Total | Total ... | 27 | 194 | 34 | 520 | 24 | ... | ... | 49 | 44 | ... | ... | 892 | 6 | ... | 1 | 40 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 941 |

*Crop Returns for the Kharif* 1889 (00' *omitted, i.e., areas stated in hundreds of acres*), *Punjab*—concluded.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or chari. | Bájra. | Kangni. | Chína. | Other cereals. | Moth. | Mung. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegitables. | Others. | Turmeric. | Chillies. | Ginger and Spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| BANNU. | 20th December 1889. | Bannu ... | Irrigated ... | 17 | 272 | 21 | 51 | ... | ... | 1 | ... | ... | ... | 3 | 365 | ... | ... | 54 | 24 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | ... | ... | 446 | |
| | | | Unirrigated ... | ... | ... | 6 | 28 | ... | ... | ... | 1 | ... | ... | ... | 35 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 35 | |
| | | | Total ... | 17 | 272 | 27 | 79 | ... | ... | 1 | 1 | ... | .. | 3 | 400 | ... | ... | 54 | 24 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | ... | .. | 481 | |
| | | Marwat ... | Irrigated ... | ... | 40 | 10 | 22 | ... | ... | ... | 1 | ... | ... | ... | 73 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 75 | |
| | | | Unirrigated ... | ... | ... | 22 | 208 | ... | ... | ... | 29 | 8 | ... | ... | 267 | ... | ... | ... | 1 | ... | ... | .. | ... | ... | ... | 20 | ... | ... | ... | ... | ... | 288 | |
| | | | Total ... | ... | 40 | 32 | 230 | ... | ... | ... | 30 | 8 | ... | ... | 340 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | 20 | ... | ... | ... | ... | ... | 363 | |
| | | Isa Khel ... | Irrigated ... | ... | ... | 2 | 7 | ... | ... | ... | ... | ... | ... | ... | 9 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 14 | |
| | | | Unirrigated ... | ... | ... | 26 | 353 | ... | ... | ... | 3 | ... | 4 | ... | 386 | 1 | ... | ... | 14 | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | 401 | |
| | | | Total ... | ... | ... | 28 | 360 | ... | ... | ... | 3 | ... | 4 | ... | 395 | 1 | ... | ... | 18 | ... | .. | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 415 | |
| | | Miánwáli ... | Irrigated ... | ... | ... | 1 | 5 | ... | ... | ... | ... | ... | ... | ... | 6 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 | |
| | | | Unirrigated ... | ... | ... | 66 | 851 | ... | ... | ... | 53 | 7 | 11 | ... | 988 | 5 | ... | ... | 31 | ... | ... | ... | ... | ... | ... | 55 | .. | ... | ... | ... | 74 | 1,153 | |
| | | | Total ... | ... | ... | 67 | 856 | ... | .. | ... | 53 | 7 | 11 | ... | 994 | 5 | ... | ... | 33 | ... | ... | ... | ... | ... | ... | 55 | ... | ... | ... | ... | 74 | 1,161 | |
| | | Total District ... | Irrigated ... | 17 | 312 | 34 | 85 | ... | ... | 1 | 1 | ... | ... | 3 | 453 | ... | ... | 54 | 31 | ... | ... | ... | ... | ... | 3 | ... | 1 | 1 | ... | ... | ... | 543 | |
| | | | Unirrigated ... | ... | ... | 120 | 1,440 | ... | ... | ... | 86 | 15 | 15 | ... | 1,676 | 6 | ... | ... | 46 | .. | ... | ... | ... | ... | ... | 75 | ... | ... | ... | ... | 74 | 1,877 | |
| | | | Total ... | 17 | 312 | 154 | 1,525 | ... | ... | 1 | 87 | 15 | 15 | 3 | 2,129 | 6 | ... | 54 | 77 | ... | ... | ... | ... | ... | 3 | 75 | 1 | 1 | ... | ... | 74 | 2,420 | |

DERA ISMAIL KHAN.

17th December 1889.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dera ... | Irrigated ... | ... | ... | 5 | 14 | ... | ... | ... | ... | ... | ... | ... | 19 | ... | ... | 1 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23 |
| | Unirrigated ... | ... | ... | 53 | 385 | ... | ... | 3 | 8 | 33 | 15 | ... | 497 | 13 | ... | ... | 19 | ... | ... | ... | ... | ... | ... | 18 | ... | ... | ... | ... | ... | 547 |
| | Total ... | ... | ... | 58 | 399 | ... | ... | 3 | 8 | 33 | 15 | ... | 516 | 13 | ... | 1 | 22 | ... | ... | ... | ... | ... | ... | 18 | ... | ... | ... | ... | ... | 570 |
| Tank ... | Irrigated ... | 16 | 1 | 28 | 69 | ... | ... | ... | ... | ... | ... | ... | 114 | 1 | ... | ... | 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 134 |
| | Unirrigated ... | ... | ... | 3 | 57 | ... | ... | ... | 4 | ... | ... | ... | 64 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 66 |
| | Total ... | 16 | 1 | 31 | 126 | ... | ... | ... | 4 | ... | ... | ... | 178 | 1 | ... | ... | 20 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 200 |
| Kulachi ... | Irrigated ... | ... | ... | 30 | 14 | ... | ... | 1 | ... | ... | ... | ... | 45 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 49 |
| | Unirrigated ... | ... | ... | 133 | 530 | ... | ... | 4 | ... | 1 | ... | ... | 668 | 1 | ... | ... | 62 | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 735 |
| | Total ... | ... | ... | 163 | 544 | ... | ... | 5 | ... | 1 | ... | ... | 713 | 1 | ... | ... | 66 | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 784 |
| Leiah ... | Irrigated ... | ... | ... | 37 | 39 | ... | 1 | ... | ... | ... | ... | ... | 77 | 2 | ... | 1 | 20 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 101 |
| | Unirrigated ... | ... | ... | 23 | 54 | ... | ... | 2 | ... | 65 | 4 | ... | 148 | 98 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | 251 |
| | Total ... | ... | ... | 60 | 93 | ... | 1 | 2 | ... | 65 | 4 | ... | 225 | 100 | ... | 1 | 22 | ... | ... | ... | ... | ... | 1 | 3 | ... | ... | ... | ... | ... | 352 |
| Bhakkar ... | Irrigated ... | ... | ... | 13 | 16 | ... | 1 | ... | 1 | ... | ... | ... | 31 | ... | ... | ... | 7 | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 40 |
| | Unirrigated ... | ... | ... | 30 | 98 | ... | ... | 2 | 27 | 15 | 13 | 1 | 186 | 92 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 23 | ... | ... | ... | ... | ... | 302 |
| | Total ... | ... | ... | 43 | 114 | ... | 1 | 2 | 28 | 15 | 13 | 1 | 217 | 92 | ... | ... | 8 | ... | ... | ... | ... | ... | ... | 25 | ... | ... | ... | ... | ... | 342 |
| Total District... | Irrigated ... | 16 | 1 | 113 | 150 | ... | 2 | 2 | 1 | 1 | .. | ... | 286 | 3 | ... | 2 | 53 | ... | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | 347 |
| | Unirrigated ... | ... | ... | 242 | 1,126 | ... | ... | 10 | 39 | 113 | 32 | 1 | 1,563 | 204 | ... | ... | 85 | ... | ... | ... | ... | ... | ... | 49 | ... | ... | ... | ... | ... | 1,901 |
| | Total ... | 16 | 1 | 355 | 1,276 | ... | 2 | 12 | 40 | 114 | 32 | 1 | 1,849 | 207 | ... | 2 | 138 | ... | ... | ... | ... | ... | 1 | 51 | ... | ... | ... | ... | ... | 2,248 |

*Crop Returns for the Kharíf* 1889 (00' *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—concluded.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | | | *Oil-seeds.* | | | *Fibres.* | | | | | *Miscellaneous food crops.* | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Rice. | Maize. | Jowár or chari. | Bájra. | Kangni. | China. | Other cereals. | Moth. | Múng. | Másh. | Other pulses. | Total cereals and pulses. | Til. | Others. | Sugar-cane. | Cotton. | Hemp. | Others. | Indigo. | Tea. | Fruits. | Vegetables. | Others. | Turmeric. | Chillies. | Ginger and spices. | Fodder. | Others. | Total of all crops. | REMARKS. |
| GHAZI KHAN. | …ary 1890. | Dera Gházi Khan. | Irrigated ... | 75 | ... | 263 | 87 | ... | ... | 4 | 2 | ... | ... | ... | 431 | 1 | ... | ... | 294 | ... | 1 | 135 | ... | 1 | 1 | ... | ... | ... | ... | 3 | 1 | 868 | |
| | | | Unirrigated ... | ... | ... | 281 | 53 | ... | ... | ... | ... | ... | ... | ... | 334 | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 339 | |
| | | | Total ... | 75 | ... | 544 | 140 | ... | ... | 4 | 2 | ... | ... | ... | 765 | 1 | ... | ... | 299 | ... | 1 | 135 | ... | 1 | 1 | ... | ... | ... | ... | 3 | 1 | 1,207 | |
| | | Sangar ... | Irrigated ... | 1 | ... | 11 | 4 | ... | 1 | 8 | ... | ... | ... | ... | 25 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | 27 | |
| | | | Unirrigated ... | ... | ... | 294 | 155 | ... | ... | 3 | ... | 2 | ... | ... | 454 | 4 | ... | ... | 30 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 489 | |
| | | | Total ... | 1 | ... | 305 | 159 | ... | 1 | 11 | ... | 2 | ... | ... | 479 | 4 | ... | ... | 32 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 516 | |
| | | Jampur ... | Irrigated ... | 60 | ... | 123 | 13 | ... | ... | ... | 1 | ... | ... | ... | 197 | 4 | ... | ... | 52 | ... | ... | 38 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 292 | |
| | | | Unirrigated ... | ... | ... | 511 | 73 | ... | ... | 1 | ... | ... | ... | ... | 585 | ... | ... | ... | 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 594 | |
| | | | Total ... | 60 | ... | 634 | 86 | ... | ... | 1 | 1 | ... | ... | ... | 782 | 4 | ... | ... | 61 | ... | ... | 38 | ... | 1 | ... | ... | ... | ... | ... | ... | .. | 886 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DERA | 12th Jan. | Rájanpur | Irrigated ... | 36 | ... | 48 | 4 | ... | ... | 2 | ... | ... | ... | ... | 90 | 9 | ... | ... | 1 | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 107 |
| | | | Unirrigated ... | ... | ... | 17 | 22 | ... | ... | 5 | ... | ... | 14 | ... | 58 | 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 85 |
| | | | Total ... | 36 | ... | 65 | 26 | ... | ... | 7 | ... | ... | 14 | ... | 148 | 36 | ... | ... | 1 | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 192 |
| | | Total District ... | Irrigated ... | 172 | ... | 445 | 108 | ... | 1 | 14 | 3 | ... | ... | ... | 743 | 14 | ... | ... | 349 | .. | 1 | 179 | ... | 2 | 1 | ... | ... | ... | ... | 4 | 1 | 1,294 |
| | | | Unirrigated ... | ... | ... | 1,103 | 303 | ... | ... | 9 | ... | 2 | 14 | ... | 1,431 | 31 | ... | ... | 44 | ... | ... | ... | ... | ... | 1 | ... | ... | .. | ... | ... | ... | 1,507 |
| | | | Total ... | 172 | ... | 1,548 | 411 | ... | 1 | 23 | 3 | 2 | 14 | ... | 2,174 | 45 | ... | ... | 393 | ... | 1 | 179 | ... | 2 | 2 | ... | ... | .. | ... | 4 | 1 | 2,801 |
| MUZAFFARGARH. | 16th December 1889. | Muzaffargarh ... | Irrigated ... | 127 | ... | 75 | 32 | 1 | 3 | 5 | 24 | ... | 2 | ... | 269 | 5 | 1 | 29 | 112 | ... | ... | 191 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 608 |
| | | | Unirrigated ... | ... | ... | 5 | 9 | ... | ... | 2 | ... | ... | 17 | 1 | 34 | 26 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | 64 |
| | | | Total ... | 127 | ... | 80 | 41 | 1 | 3 | 7 | 24 | ... | 19 | 1 | 303 | 31 | 5 | 29 | 112 | ... | ... | 191 | .. | ... | 1 | ... | ... | ... | ... | ... | ... | 672 |
| | | Alipur ... | Irrigated ... | 105 | ... | 46 | 53 | ... | ... | 4 | 2 | ... | ... | ... | 210 | 4 | ... | 17 | 66 | ... | ... | 175 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 473 |
| | | | Unirrigated ... | ... | ... | ... | 13 | ... | ... | 11 | ... | ... | 1 | ... | 25 | 12 | ... | ... | 1 | ... | ... | .. | .. | ... | ... | ... | ... | ... | ... | ... | ... | 38 |
| | | | Total ... | 105 | ... | 46 | 66 | ... | ... | 15 | 2 | ... | 1 | ... | 235 | 16 | ... | 17 | 67 | ... | .. | 175 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 511 |
| | | Sinawán ... | Irrigated ... | 25 | ... | 59 | 32 | ... | 1 | 5 | 46 | ... | ... | ... | 168 | 2 | ... | 1 | 54 | .. | ... | 121 | ... | 1 | ... | ... | ... | ... | ... | ... | .. | 347 |
| | | | Unirrigated ... | ... | ... | 9 | 11 | ... | ... | 1 | ... | ... | ... | ... | 21 | 4 | ... | ... | 1 | ... | ... | .. | ... | ... | ... | ... | ... | ... | .. | ... | ... | 26 |
| | | | Total ... | 25 | ... | 68 | 43 | ... | 1 | 6 | 46 | ... | ... | ... | 189 | 6 | ... | 1 | 55 | ... | ... | 121 | ... | 1 | ... | ... | ... | .. | ... | ... | .. | 373 |
| | | Total District ... | Irrigated ... | 257 | ... | 180 | 117 | 1 | 4 | 14 | 72 | ... | 2 | ... | 647 | 11 | 1 | 47 | 232 | ... | ... | 487 | ... | 1 | 1 | ... | — | 1 | ... | ... | ... | 1,428 |
| | | | Unirrigated ... | ... | ... | 14 | 33 | ... | ... | 14 | .. | ... | 18 | 1 | 80 | 42 | 4 | ... | 2 | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | 128 |
| | | | Total ... | 257 | ... | 194 | 150 | 1 | 4 | 28 | 72 | .. | 20 | 1 | 727 | 53 | 5 | 47 | 234 | ... | ... | 487 | ... | 1 | 1 | ... | | 1 | ... | ... | ... | 1,556 |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | Cholera. | | | Small-pox. Children under one year. | | Small-pox. One to under 12 years. | | Small-pox. Twelve and over 12 years. | | Total of Small-pox. | CAUSES. Fevers. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Males. | Females. | Total. | Males. | Females. | Males. | Females. | Males. | Females. | | Males. | Females. | Total. |
| 1 | Hissar ... | 660,648 | 2,438 | 1,518 | 43 | 27 | ... | ... | ... | ... | ... | 4 | ... | ... | ... | 4 | 634 | 574 | 1,208 |
| 2 | Rohtak ... | 553,609 | 2,361 | 1,331 | 50 | 28 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 575 | 413 | 988 |
| 3 | Gurgaon ... | 641.848 | 2,828 | 2,161 | 52 | 40 | ... | ... | ... | 4 | 2 | 14 | 8 | ... | ... | 28 | 888 | 760 | 1,648 |
| 4 | Delhi ... | 643.515 | 2,808 | 2.631 | 51 | 48 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 957 | 845 | 1,802 |
| 5 | Karnál ... | 622,621 | 2,871 | 2.388 | 54 | 45 | ... | ... | ... | 8 | 12 | 13 | 14 | ... | ... | 47 | 921 | 749 | 1,670 |
| 6 | Umballa ... | 1,067.263 | 3,200 | 3.230 | 35 | 36 | ... | 1 | 1 | 3 | 3 | 5 | 1 | ... | 1 | 13 | 1,461 | 1,192 | 2,653 |
| 7 | Simla ... | 42,945 | 51 | 64 | 14 | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 12 | 34 |
| 8 | Kángra ... | 730,845 | 2,469 | 2.040 | 40 | 33 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 714 | 636 | 1,350 |
| 9 | Hoshiárpur | 901,381 | 3.761 | 3.052 | 49 | 40 | ... | ... | ... | 8 | 1 | 1 | 4 | 1 | ... | 15 | 1,153 | 965 | 2,118 |
| 10 | Jullundur ... | 789,555 | 3,498 | 2.662 | 52 | 40 | ... | ... | ... | 2 | ... | 1 | 3 | ... | ... | 6 | 947 | 849 | 1,796 |
| 11 | Ludhiána ... | 618.835 | 2,576 | 2.015 | 49 | 38 | ... | ... | ... | ... | 1 | 4 | 4 | 1 | ... | 10 | 715 | 664 | 1,379 |
| 12 | Ferozepore | 747,329 | 3,442 | 2 943 | 54 | 46 | ... | ... | ... | 3 | 2 | 3 | 4 | ... | 1 | 13 | 1,244 | 978 | 2,222 |
| 13 | Mooltan ... | 551.964 | 2,264 | 2.224 | 48 | 47 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 932 | 756 | 1,688 |
| 14 | Jhang ... | 395 296 | 1,739 | 1,189 | 5[illegible] | 35 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 339 | 322 | 661 |
| 15 | Montgomery | 426 529 | 1,962 | 1,610 | 54 | 44 | ... | ... | ... | 11 | 2 | 8 | 3 | ... | 1 | 25 | 537 | 502 | 1,039 |
| 16 | Lahore ... | 924.106 | 4,361 | 4,305 | 56 | 55 | ... | ... | ... | 2 | 4 | 1 | 1 | 1 | ... | 9 | 1,686 | 1,514 | 3,200 |
| 17 | Amritsar ... | 893.266 | 4,206 | 3,698 | 55 | 49 | ... | ... | ... | ... | ... | 3 | ... | ... | ... | 3 | 1,366 | 1,150 | 2,516 |
| 18 | Gurdáspur | 823,695 | 4,539 | 2.999 | 6[illegible] | 43 | ... | ... | ... | 3 | 8 | 6 | 5 | 1 | 1 | 24 | 1,105 | 964 | 2,069 |
| 19 | Siálkot ... | 1,012.148 | 5.391 | 3.647 | 63 | 42 | ... | ... | ... | 22 | 17 | 22 | 31 | 4 | ... | 96 | 1,318 | 1,183 | 2,501 |
| 20 | Gujrát ... | 689,115 | 2,646 | 2.810 | 45 | 48 | ... | ... | ... | 6 | 9 | 9 | 4 | 2 | 1 | 31 | 1,169 | 1,063 | 2,232 |
| 21 | Gujránwála | 616,892 | 2,561 | 3.036 | 49 | 58 | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | 3 | 1,459 | 1,203 | 2,662 |
| 22 | Shahpur ... | 421,508 | 1,722 | 1,561 | 48 | 44 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 649 | 622 | 1.271 |
| 23 | Jhelum ... | 589,373 | 1,905 | 4,248 | 38 | 85 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 1,977 | 1,867 | 3,844 |
| 24 | Ráwalpindi | 820,512 | 2,717 | 6,141 | 39 | 88 | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | 3 | 2,898 | 2,676 | 5,574 |
| 25 | Hazára ... | 407,075 | 1,222 | 1,357 | 35 | 39 | ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | 3 | 638 | 583 | 1,221 |
| 26 | Peshávar ... | 592,674 | 973 | 1,818 | 19 | 36 | ... | ... | ... | 17 | 24 | 62 | 66 | ... | ... | 169 | 851 | 638 | 1,489 |
| 27 | Kohát ... | 181,540 | 412 | 886 | 27 | 57 | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | 3 | 439 | 405 | 844 |
| 28 | Bannu ... | 332,577 | 806 | 1,897 | 29 | 67 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 970 | 844 | 1,814 |
| 29 | D. I. Khan | 441,649 | 1,044 | 1,827 | 28 | 49 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | 3 | 888 | 743 | 1,631 |
| 30 | D. G. Khan | 363,346 | 817 | 710 | 26 | 23 | ... | ... | ... | ... | ... | 1 | 2 | ... | ... | 3 | 363 | 287 | 650 |
| 31 | Muzaffargarh | 338,605 | 1,226 | 1,294 | 43 | 45 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 66 | 597 | 1,265 |
| | Total ... | 18,842,264 | 74,816 | 73,292 | 47 | 46 | ... | 1 | 1 | 92 | 88 | 161 | 156 | 12 | 5 | 514 | 30,483 | 26,556 | 57,039 |
| | Total in previous month ... | ... | 78,616 | 79,842 | 51 | 52 | 16 | 7 | 23 | 50 | 39 | 138 | 118 | 5 | 6 | 356 | 32,167 | 31,146 | 63,313 |
| | Total in same month of past year ... | ... | 72,099 | 58,860 | 45 | 37 | 22 | 21 | 43 | 194 | 173 | 425 | 360 | 47 | 37 | 1,236 | 22,506 | 20,642 | 43,148 |

Sanitary Commissioner's Office,
Lahore:
*The 28th January 1890.*

THE MONTH OF DECEMBER 1889.

*the Punjab during the month of December* 1889.

OF DEATH.

| Bowel complaints. | | | Injuries. Suicide. | | | Injuries. Wounding. | | | Injuries. Accidents. | | | Injuries. Snake-bite and killed by wild beasts. | | | All other causes. | | | Total deaths from all causes. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 29 | 12 | 41 | ... | ... | ... | ... | ... | ... | 3 | 1 | 4 | ... | ... | ... | 149 | 112 | 261 | 819 | 699 | 1,518 |
| 17 | 8 | 25 | 1 | 1 | 2 | 2 | ... | 2 | 2 | 2 | 4 | ... | ... | ... | 180 | 129 | 309 | 778 | 553 | 1,331 |
| 58 | 55 | 113 | 1 | 1 | 2 | ... | 1 | 1 | 5 | 3 | 8 | ... | 1 | 1 | 202 | 158 | 360 | 1,172 | 989 | 2,161 |
| 38 | 34 | 72 | ... | 2 | 2 | 1 | 1 | 2 | 1 | 3 | 4 | 2 | ... | 2 | 396 | 351 | 747 | 1,395 | 1,236 | 2,631 |
| 36 | 14 | 50 | ... | ... | ... | ... | ... | ... | 3 | 7 | 10 | 5 | ... | 5 | 332 | 274 | 606 | 1,318 | 1,070 | 2,388 |
| 45 | 33 | 78 | ... | ... | ... | ... | ... | ... | 4 | 2 | 6 | ... | .. | ... | 271 | 208 | 479 | 1,789 | 1,441 | 3,230 |
| 10 | 5 | 15 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | 5 | 14 | 42 | 22 | 64 |
| 59 | 39 | 98 | ... | 3 | 3 | 1 | ... | 1 | 8 | 3 | 11 | ... | ... | ... | 311 | 266 | 577 | 1,093 | 947 | 2.040 |
| 36 | 27 | 63 | 4 | 4 | 8 | ... | ... | ... | 13 | 6 | 19 | 1 | ... | 1 | 456 | 372 | 828 | 1,673 | 1,379 | 3,052 |
| 27 | 17 | 44 | ... | ... | ... | 1 | ... | 1 | 1 | 4 | 5 | ... | ... | ... | 387 | 423 | 810 | 1,366 | 1,296 | 2.662 |
| 23 | 14 | 37 | ... | ... | ... | ... | ... | ... | 3 | 1 | 4 | 1 | ... | 1 | 281 | 303 | 584 | 1,028 | 987 | 2.015 |
| 35 | 15 | 50 | 1 | ... | 1 | 1 | ... | 1 | 2 | 1 | 3 | ... | ... | ... | 335 | 318 | 653 | 1,624 | 1,319 | 2.943 |
| 19 | 27 | 46 | ... | ... | ... | ... | ... | ... | 6 | 8 | 14 | 1 | ... | 1 | 239 | 235 | 474 | 1,198 | 1,026 | 2.224 |
| 16 | 14 | 30 | 1 | ... | 1 | 1 | ... | 1 | 4 | 3 | 7 | 1 | ... | 1 | 247 | 241 | 488 | 609 | 580 | 1,189 |
| 19 | 10 | 29 | 1 | ... | 1 | 2 | ... | 2 | 2 | 2 | 4 | 2 | 1 | 3 | 259 | 248 | 507 | 841 | 769 | 1.610 |
| 52 | 24 | 76 | 1 | 1 | 2 | ... | ... | ... | 7 | 9 | 16 | 2 | ... | 2 | 539 | 461 | 1,000 | 2,291 | 2,014 | 4,305 |
| 56 | 33 | 89 | 1 | 2 | 3 | ... | ... | ... | 8 | 4 | 12 | ... | ... | ... | 526 | 549 | 1,075 | 1,960 | 1,738 | 3,698 |
| 28 | 17 | 45 | ... | ... | ... | ... | ... | ... | 8 | 7 | 15 | ... | ... | ... | 437 | 409 | 846 | 1,588 | 1,411 | 2,999 |
| *59* | *39* | 98 | ... | ... | ... | ... | ... | ... | 6 | 5 | 11 | ... | ... | ... | 464 | 477 | 941 | 1,895 | 1,752 | 3,647 |
| 28 | 12 | 40 | ... | ... | ... | ... | ... | ... | 6 | 3 | 9 | ... | ... | ... | 288 | 210 | 498 | 1,508 | 1,302 | 2,810 |
| 27 | 8 | 35 | ... | ... | ... | ... | ... | ... | 4 | 5 | 9 | 3 | ... | 3 | 160 | 164 | 324 | 1,655 | 1,381 | 3,036 |
| 23 | 6 | 29 | ... | ... | ... | ... | 1 | 1 | 2 | 1 | 3 | ... | ... | ... | 151 | 106 | 257 | 825 | 736 | 1,561 |
| 50 | 42 | 92 | ... | ... | ... | 2 | 1 | 3 | 6 | 2 | 8 | ... | ... | ... | 168 | 132 | 300 | 2,203 | 2,045 | 4,248 |
| 58 | 46 | 104 | ... | ... | ... | ... | 1 | 1 | 8 | 3 | 11 | ... | ... | ... | 234 | 214 | 448 | 3,200 | 2,941 | 6,141 |
| 5 | 13 | 18 | ... | ... | ... | ... | ... | ... | 4 | ... | 4 | ... | ... | ... | 59 | 52 | 111 | 707 | 650 | 1,357 |
| 17 | 13 | 30 | ... | ... | ... | 3 | ... | 3 | 2 | 1 | 3 | ... | ... | ... | 66 | 58 | 124 | 1 018 | 800 | 1,818 |
| 2 | ... | 2 | ... | ... | ... | 2 | ... | 2 | 1 | ... | 1 | ... | 1 | 1 | 19 | 14 | 33 | 465 | 421 | 886 |
| 14 | 5 | 19 | ... | ... | ... | 3 | ... | 3 | 1 | ... | 1 | ... | ... | ... | 33 | 27 | 60 | 1,021 | 876 | 1,897 |
| 98 | 62 | 160 | ... | ... | ... | ... | ... | ... | 3 | ... | 3 | ... | ... | ... | 19 | 11 | 30 | 1,008 | 819 | 1,827 |
| 3 | 4 | 7 | ... | ... | ... | ... | ... | ... | 2 | 2 | 4 | 1 | ... | 1 | 19 | 26 | 45 | 389 | 321 | 710 |
| 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 18 | 10 | 28 | 687 | 607 | 1,294 |
| 988 | 648 | 1636 | 12 | 14 | 26 | 19 | 5 | 24 | 125 | 88 | 213 | 19 | 3 | 22 | 7,254 | 6,563 | 13,817 | 39,165 | 34,127 | 73,292 |
| 1198 | 853 | 2051 | 7 | 10 | 17 | 28 | 6 | 34 | 131 | 89 | 220 | 23 | 7 | 30 | 7,141 | 6,657 | 13,798 | 40,904 | 38,938 | 79,842 |
| 1039 | 678 | 1717 | 11 | 7 | 18 | 22 | 10 | 32 | 146 | 96 | 242 | 17 | 5 | 22 | 6,384 | 6,018 | 12,402 | 30,813 | 28,047 | 58,860 |

A. STEPHEN, *Surgeon-Major*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Seventy-four thousand eight hundred and sixteen births were registered in the Province during the month of December 1889, giving a birth-rate of 47 per mille of population. Of the total number of births, 39,882 were boys and 34,934 were girls.

The total number of deaths registered from all causes in the Province during the month of December 1889 was 73,292 against 79,842 in the previous month and 58,860 in the corresponding month of the past year, giving an annual death-rate of 46, 52 and 37 per mille of population per annum respectively. The registered mortality has commenced to fall, the diminution being principally under the head of fevers, and seen chiefly in the districts of Ferozepore, Gujránwála Jhelum and Bannu.

There was one death registered under the head of cholera against 23 in the previous month.

From small-pox 514 deaths were registered against 356 in the previous month and 1,236 in the corresponding month of the past year; fevers 57,039 against 63,313 and 43,148 bowel complaints 1,636 against 2,051 and 1,717.

During the month there were 26 deaths registered from suicide against 17 in the past month; wounding 24 against 34; accidents 213 against 220; snake-bite and killed by wild beasts 22 against 30; and from all other causes 13,817 against 13,798 and 12,402 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 28th January 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of December 1889.*

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 1,051 | 823 | 1,874 | 298 | 266 | 564 | ... | ... | ... | 1,349 | 1,089 | 2,438 | 43 |
| 2 | Rohtak ... | ... | ... | ... | 1,136 | 948 | 2,084 | 137 | 140 | 277 | ... | ... | ... | 1,273 | 1,088 | 2,361 | 50 |
| 3 | Gurgaon ... | ... | ... | ... | 1,105 | 917 | 2,022 | 408 | 398 | 806 | ... | ... | ... | 1,513 | 1,315 | 2,828 | 52 |
| 4 | Delhi ... | 2 | 1 | 3 | 1,127 | 1,054 | 2,181 | 319 | 305 | 624 | ... | ... | ... | 1,448 | 1,360 | 2,808 | 51 |
| 5 | Karnál ... | 1 | ... | 1 | 1,127 | 1,015 | 2,142 | 391 | 337 | 728 | ... | ... | ... | 1,519 | 1,352 | 2,871 | 54 |
| 6 | Umballa ... | ... | ... | ... | 1,253 | 996 | 2,249 | 514 | 437 | 951 | ... | ... | ... | 1,767 | 1,433 | 3,200 | 35 |
| 7 | Simla ... | ... | ... | ... | 25 | 16 | 41 | 6 | 4 | 10 | ... | ... | ... | 31 | 20 | 51 | 14 |
| 8 | Kángra ... | ... | ... | ... | 1,169 | 1,165 | 2,334 | 71 | 64 | 135 | ... | ... | ... | 1,240 | 1,229 | 2,469 | 40 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,322 | 1,221 | 2,543 | 625 | 592 | 1,217 | ... | 1 | 1 | 1,947 | 1,814 | 3,761 | 49 |
| 10 | Jullundur ... | ... | ... | ... | 968 | 887 | 1,855 | 849 | 794 | 1,643 | ... | ... | ... | 1,817 | 1,681 | 3,498 | 52 |
| 11 | Ludhiána ... | ... | 1 | 1 | 874 | 738 | 1,612 | 474 | 489 | 963 | ... | ... | ... | 1,348 | 1,228 | 2,576 | 49 |
| 12 | Ferozepore ... | ... | ... | ... | 924 | 807 | 1,731 | 917 | 794 | 1,711 | ... | ... | ... | 1,841 | 1,601 | 3,442 | 54 |
| 13 | Mooltan ... | ... | ... | ... | 220 | 178 | 398 | 1,013 | 853 | 1,866 | ... | ... | ... | 1,233 | 1,031 | 2,264 | 48 |
| 14 | Jhang ... | ... | ... | ... | 174 | 160 | 334 | 738 | 666 | 1,404 | 1 | ... | 1 | 913 | 826 | 1,739 | 52 |
| 15 | Montgomery ... | ... | ... | ... | 233 | 195 | 428 | 812 | 722 | 1,534 | ... | ... | ... | 1,045 | 917 | 1,962 | 54 |
| 16 | Lahore ... | ... | ... | ... | 653 | 556 | 1,209 | 1,682 | 1,467 | 3,149 | 1 | 2 | 3 | 2,336 | 2,025 | 4,361 | 56 |
| 17 | Amritsar ... | ... | 2 | 2 | 1,167 | 1,036 | 2,203 | 1,032 | 969 | 2,001 | ... | ... | ... | 2,199 | 2,007 | 4,206 | 55 |
| 18 | Gurdáspur ... | ... | ... | ... | 1,181 | 1,112 | 2,293 | 1,171 | 1,073 | 2,244 | 1 | 1 | 2 | 2,353 | 2,186 | 4,539 | 65 |
| 19 | Siálkot ... | 6 | 11 | 17 | 884 | 776 | 1,660 | 1,902 | 1,812 | 3,714 | ... | ... | ... | 2,792 | 2,599 | 5,391 | 63 |
| 20 | Gujrát ... | ... | ... | ... | 187 | 132 | 319 | 1,226 | 1,100 | 2,326 | 1 | ... | 1 | 1,414 | 1,232 | 2,646 | 45 |
| 21 | Gujránwála ... | ... | ... | ... | 293 | 279 | 572 | 1,004 | 985 | 1,989 | ... | ... | ... | 1,297 | 1,264 | 2,561 | 49 |
| 22 | Shahpur ... | ... | ... | ... | 130 | 116 | 246 | 801 | 673 | 1,474 | 1 | 1 | 2 | 932 | 790 | 1,722 | 48 |
| 23 | Jhelum ... | ... | ... | ... | 80 | 81 | 161 | 931 | 813 | 1,744 | ... | ... | ... | 1,011 | 894 | 1,905 | 38 |
| 24 | Ráwalpindi ... | 1 | ... | 1 | 157 | 112 | 269 | 1,313 | 1,130 | 2,443 | 3 | 1 | 4 | 1,474 | 1,243 | 2,717 | 39 |
| 25 | Hazára ... | ... | ... | ... | 31 | 22 | 53 | 634 | 535 | 1,169 | ... | ... | ... | 665 | 557 | 1,222 | 35 |
| 26 | Peshávar ... | ... | ... | ... | 36 | 13 | 49 | 591 | 327 | 918 | 5 | 1 | 6 | 632 | 341 | 973 | 19 |
| 27 | Kohát ... | ... | ... | ... | 11 | 7 | 18 | 232 | 162 | 394 | ... | ... | ... | 243 | 169 | 412 | 27 |
| 28 | Bannu ... | ... | ... | ... | 55 | 39 | 94 | 424 | 288 | 712 | ... | ... | ... | 479 | 327 | 806 | 29 |
| 29 | Dera Ismail Khan | ... | ... | ... | 86 | 78 | 164 | 523 | 357 | 880 | ... | ... | ... | 609 | 435 | 1,044 | 28 |
| 30 | Dera Ghâzi Khan | ... | ... | ... | 82 | 64 | 146 | 425 | 242 | 667 | 4 | ... | 4 | 511 | 306 | 817 | 26 |
| 31 | Muzaffargarh ... | ... | ... | ... | 92 | 74 | 166 | 559 | 501 | 1,060 | ... | ... | ... | 651 | 575 | 1,226 | 43 |
| | Total ... | 10 | 15 | 25 | 17,833 | 15,617 | 33,450 | 22,022 | 19,295 | 41,317 | 17 | 7 | 24 | 39,882 | 34,934 | 74,816 | 47 |

Sanitary Commissioner's Office, Lahore:
*The 28th January 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 4th JANUARY 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 6 | 2 | 8 | 9 | 4 | 5 | ... | ... | 3 | ... | ... | 6 | ... | 1 | 1 | 29 | 33 |
| 2 | | Hansi ... | 12,656 | 3 | 3 | 6 | 10 | 5 | 5 | ... | ... | 8 | ... | ... | 2 | 2 | ... | 2 | 25 | 41 |
| 3 | | Bhiwani ... | 33,762 | 15 | 15 | 30 | 42 | 21 | 21 | ... | ... | 20 | 1 | ... | 21 | 4 | 6 | 10 | 46 | 65 |
| 4 | | Sirsa ... | 12,292 | 4 | 4 | 8 | 6 | 3 | 3 | ... | ... | 3 | 1 | ... | 2 | 1 | 1 | 2 | 34 | 26 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 11 | 6 | 17 | 3 | 2 | 1 | ... | ... | ... | ... | ... | 3 | ... | ... | .. | 56 | 10 |
| 6 | | Jhajjar ... | 11,650 | 6 | 6 | 12 | 6 | 2 | 4 | ... | ... | ... | 1 | ... | 5 | ... | 2 | 2 | 54 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 9 | 7 | 16 | 22 | 12 | 10 | ... | 7 | 15 | ... | ... | ... | 1 | 2 | 3 | 34 | 47 |
| 8 | | Palwal ... | 10,635 | 6 | 10 | 16 | 7 | 2 | 5 | ... | ... | 4 | 3 | ... | ... | ... | 1 | 1 | 78 | 34 |
| 9 | Delhi ... | Delhi ... | 117,363 | 47 | 41 | 88 | 100 | 50 | 50 | ... | ... | 48 | 3 | ... | 49 | 11 | 11 | 22 | 39 | 44 |
| 10 | | " Suburbs ... | 52,882 | 9 | 17 | 26 | 20 | 16 | 4 | ... | ... | 17 | ... | ... | 3 | 2 | ... | 2 | 26 | 20 |
| 11 | | Sonepat ... | 13,077 | 6 | 9 | 15 | 11 | 8 | 3 | ... | ... | 6 | 1 | .. | 4 | 3 | 2 | 5 | 60 | 44 |
| 12 | Karnal ... | Karnal ... | 23,133 | 4 | 8 | 12 | 22 | 13 | 9 | ... | 1 | 8 | 4 | ... | 9 | 3 | 2 | 5 | 27 | 50 |
| 13 | | Kaithal ... | 14,754 | 6 | 5 | 11 | 10 | 6 | 4 | ... | ... | 3 | 2 | ... | 5 | 2 | ... | 2 | 39 | 35 |
| 14 | | Panipat ... | 26,572 | 12 | 12 | 24 | 10 | 7 | 3 | ... | ... | 6 | 1 | ... | 3 | 1 | 1 | 2 | 47 | 20 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 7 | 13 | 24 | 17 | 7 | ... | ... | 10 | 2 | ... | 12 | 6 | 4 | 10 | 25 | 47 |
| 16 | | Jagadhri ... | 12,300 | 3 | 2 | 5 | 7 | 2 | 5 | ... | ... | 2 | 3 | ... | 2 | ... | 2 | 2 | 21 | 30 |
| 17 | | Shahabad ... | 10,218 | 3 | 2 | 5 | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 26 | 10 |
| 18 | | Sadhaura ... | 10,794 | 8 | 4 | 12 | 8 | 4 | 4 | ... | ... | 5 | 1 | ... | 2 | 2 | ... | 2 | 58 | 39 |
| 19 | | Rupar ... | 10,326 | 3 | 4 | 7 | 7 | 3 | 4 | ... | ... | 3 | ... | ... | 4 | 1 | 1 | 2 | 35 | 35 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 8 | 7 | 15 | 14 | 9 | 5 | ... | ... | 2 | 1 | ... | 11 | 4 | 1 | 5 | 59 | 55 |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 7 | 13 | 5 | 5 | ... | ... | ... | 3 | ... | ... | 2 | 1 | ... | 1 | 66 | 25 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 21 | 26 | 47 | 25 | 1 | 15 | ... | ... | 10 | 2 | ... | 13 | 2 | 6 | 8 | 79 | 42 |
| 23 | | " Suburbs ... | 11,474 | 11 | 9 | 20 | 10 | 3 | 7 | ... | ... | 3 | ... | .. | 7 | 1 | 3 | 4 | 91 | 45 |
| 24 | | Rahon ... | 11,736 | 4 | 8 | 12 | 10 | 8 | 2 | ... | ... | 4 | 1 | ... | 5 | 3 | ... | 3 | 53 | 44 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 14 | 21 | 35 | 24 | 14 | 10 | ... | 1 | 9 | ... | ... | 14 | 4 | 3 | 7 | 41 | 28 |
| 26 | | Jagraon ... | 16,873 | 6 | 1 | 7 | 32 | 15 | 17 | ... | ... | 15 | 2 | ... | 15 | 2 | 4 | 6 | 22 | 99 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 8 | 6 | 14 | 21 | 10 | 11 | ... | ... | 16 | 3 | ... | 2 | ... | 2 | 2 | 35 | 52 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 12 | 11 | 23 | 18 | 6 | 12 | ... | ... | 4 | 1 | 1 | 12 | 2 | 3 | 5 | 38 | 29 |
| 29 | | " Suburbs ... | 25,593 | 8 | 12 | 20 | 17 | 9 | 8 | ... | ... | 7 | 1 | ... | 9 | 4 | 4 | 8 | 41 | 35 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 34 | 52 | 86 | 103 | 55 | 48 | ... | ... | 54 | 6 | 1 | 42 | 7 | 9 | 16 | 46 | 55 |
| 33 | | " Suburbs ... | 41,670 | 8 | 6 | 14 | 36 | 23 | 13 | ... | ... | 20 | 2 | ... | 14 | 1 | 2 | 3 | 17 | 45 |
| 34 | | Kasur ... | 17,336 | 8 | 15 | 23 | 16 | 9 | 7 | ... | ... | 9 | 2 | ... | 5 | ... | 2 | 2 | 69 | 48 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 49 | 55 | 101 | 139 | 69 | 70 | ... | ... | 77 | 2 | 2 | 58 | 12 | 20 | 32 | 38 | 50 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 11 | 16 | 27 | 20 | 13 | 7 | ... | 1 | 16 | ... | ... | 3 | 1 | ... | 1 | 58 | 43 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 17 | 7 | 24 | 35 | 18 | 17 | ... | 7 | 14 | 1 | ... | 13 | 6 | 2 | 8 | 37 | 54 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 6 | 9 | 15 | 5 | 2 | 3 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | 42 | 14 |
| 39 | | Jalalpur ... | 12,839 | 5 | 3 | 8 | 12 | 7 | 5 | ... | ... | 6 | ... | ... | 6 | 2 | 1 | 3 | 32 | 49 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 9 | 10 | 19 | 18 | 6 | 12 | ... | 1 | 9 | 1 | ... | 7 | 2 | 3 | 5 | 43 | 41 |
| 41 | | Wazirabad ... | 16,462 | 9 | 7 | 16 | 20 | 11 | 9 | ... | ... | 13 | 3 | ... | 4 | 2 | 2 | 4 | 51 | 63 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 13 | 4 | 17 | 8 | 4 | 4 | ... | ... | 4 | 1 | ... | 3 | ... | ... | ... | 58 | 28 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 9 | 4 | 13 | 7 | 6 | 1 | ... | ... | 7 | ... | ... | ... | 1 | ... | 1 | 41 | 22 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | 3 | 5 | 9 | 3 | 6 | ... | ... | 6 | 2 | ... | 1 | ... | ... | ... | 16 | 28 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 13 | 9 | 22 | 38 | 21 | 17 | ... | ... | 13 | 4 | ... | 21 | 2 | 5 | 7 | 41 | 71 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 25 | 21 | 46 | 55 | 30 | 25 | ... | 9 | 33 | 2 | ... | 11 | 3 | 8 | 11 | 40 | 48 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 7 | 14 | 10 | 6 | 4 | ... | ... | 6 | 1 | 1 | 2 | 1 | ... | 1 | 54 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 3 | 9 | 17 | 7 | 10 | ... | ... | 11 | 4 | ... | 2 | 2 | 2 | 4 | 25 | 47 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 6 | 7 | 13 | 15 | 5 | 10 | ... | ... | 8 | ... | ... | 7 | 2 | 4 | 6 | 35 | 40 |
| | Birth and death rate of London for the week ending 14th December 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·4 | 21·2 |
| | Grand Total ... | | 1,288,025 | 502 | 510 | 1012 | 1065 | 562 | 503 | ... | 27 | 547 | 65 | 5 | 421 | 106 | 122 | 228 | 41 | 43 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | | 12,305 | 1 | ... | 1 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 2 | ... | 2 | 4 | 21 |
| | Dharmsala ... | | 3,839 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 14 |
| | Dalhousie ... | | 870 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | 60 |
| | Murree ... | | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 28th January* 1890.

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 4th January* 1890.

*General Results.*—The return is incomplete, the registers for the District of Jhang not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 15,077 against 16,063 in the previous week and 11,317 in the corresponding week of the past year, giving respectively an annual death-rate of 42·6, 45·4 and 32·0 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 105 deaths were registered against 114 in the previous week and 282 in the corresponding week of the past year.

*Fevers.*—From fevers there were 11,630 deaths against 12,511 in the previous week and 8,147 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 334 deaths against 321 and 290.

*Chest disease.*—Nine hundred and four against 880 and 646.

*Snake-bite.*—Two against 1 and 2.

*Hydrophobia.*—0 against 1 and 1.

*All other causes.*—Two thousand one hundred and two against 2,235 in the previous week and 1,948 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand and seventy-five deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,558 were males and 1,517 females.

*Births and deaths in Municipal Towns.*—In the 47 large Municipal towns 1,065 deaths were registered (562 males and 503 females), giving a death-rate of 43 per mille of population; 1,012 births were registered (502 males and 510 females), giving a birth-rate of 41 per mille of population. The registered mortality of Jagraon, is still very high, being at the annual rate of 99 per 1,000.

LAHORE:
*The 28th January* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—30-1-90—690.

No. 6 of 1890.

# SUPPLEMENT TO THE Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

*Published by Authority.*

LAHORE, THURSDAY, FEBRUARY 6, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 4th FEBRUARY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | — | Crops much in need of rain. |
| 2 | Delhi ... | ... | ... | Rising. | — | Crops on baráni lands suffering from drought. |
| 3 | Umballa ... | ... | ... | Stationary. | — | Crops in doubtful condition. |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | — | Rain much wanted. Condition of standing crops average. |
| 5 | Ferozepore ... | ... | Fodder sufficient. | Do. | — | Crops on unirrigated lands suffering from want of rain. |
| 6 | Amritsar ... | ... | Ditto. | Do. | — | Crops suffering from want of rain. |
| 7 | Siálkot ... | ... | Fodder insufficient. | Rising. | — | Crops suffering for want of rain. |
| 8 | Lahore ... | ... | Fodder sufficient. | Stationary. | — | Sowings of extra rabi crops commenced. Prospects of standing crops on Cháhi and Nahri lands good. |
| 9 | Mooltan ... | ... | Fodder wanted in Rawa. | Rising. | — | Crops in good condition at present. Rain much needed. |
| 10 | Ráwalpindi ... | ... | Fodder sufficient. | Do. | — | Crops below average. Locusts in Ráwalpindi, Kahúta and Murree. |
| 11 | Shahpur ... | ... | Ditto. | Stationary. | — | Crops withering for want of rain. |
| 12 | D. I. Khan ... | ... | Fodder-supply average. | Do. | — | Condition of crops good. Rain wanted. Crops slightly damaged by locusts in parts of Tahsíls Dera, Kuláchi and Tank. |
| 13 | Peshàwar ... | ... | Fodder sufficient. | Do. | — | Prospects of crops favourable on Abi lands. Rain wanted. |

*GENERAL REMARKS.*

No rainfall. Season cloudy. Prices are reported stationary in all districts except Delhi, Siálkot, Mooltan and Ráwalpindi, where they are rising. Sowings of rabi crops over and of extra rabi commenced. Rain urgently needed throughout the Province. Condition of crops average. It is suffering from drought in certain districts. Crops are slightly damaged by locusts in parts of Ráwalpindi and Dera Ismail Khan. Fodder sufficient in all districts, except in Jullundur, Siálkot and parts of Mooltan, where it is scarce.

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*D* = Dust-storm.
*R* = Slight rain not measured.

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 26th JANUARY 1890.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | *Month of January* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | | Date of fall last reported. | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th | Sunday 26th. | Total. | Special Remarks. |
| Hissar. | Sirsa | s | 3rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | ... | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | ... | 15th Do. | ... | ... | 0·18 | ... | ... | ... | ... | 0·18 | |
| | Hissar | s | 29th August | ... | ... | 0·23 | ... | ... | ... | ... | 0·23 | |
| | Hánsi | ... | Ditto | ... | ... | 0·13 | ... | ... | ... | ... | 0·13 | |
| | Bhiwéni | ... | 23rd Septr. | ... | ... | 0·13 | ... | ... | ... | ... | 0·13 | |
| | Budhláda | ... | 26th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | ... | 2nd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | s | 30th August | ... | ... | ... | 0·40 | ... | ... | ... | 0·40 | |
| | Gohána | ... | Ditto | ... | ... | ... | 0 10 | ... | ... | ... | 0·10 | |
| | Sámpla | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | ... | Ditto | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| Gurgaon. | Farukhnagar | ... | 23rd Septr. | ... | ... | 0 80 | ... | ... | ... | ... | 0·80 | |
| | Játusána | ... | 27th August | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Rewári | ... | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | ... | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | ... | 30th Do. | ... | ... | 0·15 | ... | ... | ... | ... | 0·15 | |
| | Nuh | ... | 3rd Septr. | ... | ... | 0·02 | ... | ... | ... | ... | 0·02 | |
| | Fírozpur | ... | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | s | 23rd Septr. | ... | ... | 0·54 | ... | ... | ... | ... | 0·54 | |
| | Punahána | ... | 30th Augt. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | ... | 31st August | ... | ... | ... | 0·85 | ... | ... | ... | 0·85 | |
| | Mehrauli | ... | 30th Do. | ... | ... | ... | 0·35 | ... | ... | ... | 0·35 | |
| | Sadr (Delhi) | s | Ditto | ... | ... | ... | 0·35 | ... | ... | ... | 0·35 | |
| | Sonepat | ... | 29th August | ... | ... | ... | 0 36 | ... | ... | ... | 0·36 | |
| Karnal. | Pánipat | ... | 24th Septr. | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | Clouds insufficient. Want of rain is felt a great deal. |
| | Karnál | s | 23rd Do. | ... | ... | 0·69 | ... | ... | ... | ... | 0·69 | |
| | Rájaund | ... | 30th August | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Kaithal | ... | 2nd Septr. | ... | ... | ... | 0·40 | ... | ... | ... | 0 40 | |
| | Gulah | ... | 8th Do. | ... | ... | R. | ... | ... | ... | ... | ... | |
| Umballa. | Piplí | ... | 30th August | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |
| | Jagádhri | ... | 15th Septr. | ... | ... | ... | 0·40 | 0·20 | ... | ... | 0·60 | |
| | Umballa | s | 17th January | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Naráingarh | ... | 17th Septr. | ... | ... | ... | 0·10 | 0·10 | ... | ... | 0·20 | |
| | Kharar | ... | 17th January | ... | ... | 0·11 | ... | ... | ... | ... | 0·11 | |
| | Rúpar | ... | Ditto | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Kotra *C* | ... | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | ... | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpore *C* | ... | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádúpur *C* | ... | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | s | 17th January | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Barauli | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla | s | 19th January | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | ... | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilua | s | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | ... | 18th January | ... | ... | ... | 0·60 | 0·10 | 0·10 | ... | 0·80 | |
| | Kulu | s | Ditto | ... | ... | R. | 0·80 | 0·20 | 0·10 | ... | 1·10 | |
| | Nagar | ... | 17th January | ... | ... | 0·70 | 0·40 | 0·40 | ... | ... | 1·50 | |
| | Pálampur | ... | 18th Do. | ... | ... | 0·20 | 2·20 | 0·20 | 0·10 | ... | 2·70 | |
| | Hamirpur | ... | 19th Do. | ... | ... | 0·20 | 1·40 | 0·20 | ... | ... | 1·80 | |
| | Dera | ... | 18th Do. | ... | R. | 1·10 | ... | ... | ... | ... | 1·10 | |
| | Kángra | ... | 19th Do. | ... | ... | ... | 1·30 | 0·20 | ... | ... | 1·50 | |
| | Dharmsála | s | 17th Do. | ... | ... | 2·20 | 0·20 | 0·60 | ... | ... | 3·00 | |
| | Nurpur | ... | 18th Do. | ... | ... | 0·40 | 0·90 | ... | ... | ... | 1·30 | |
| Hoshiarpur. | Dasúya | ... | 24th Septr. | ... | ... | 0·20 | 0·40 | ... | ... | ... | 0·60 | |
| | Una | ... | 17th January | ... | ... | 1·11 | ... | ... | ... | ... | 1·11 | |
| | Garhshankar | ... | Ditto | ... | ... | 0·25 | 0·23 | ... | ... | ... | 0·48 | |
| | Sadr Station | ... | Ditto | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Hoshiárpur | ... | Ditto | ... | ... | 0·16 | 0·41 | ... | ... | ... | 0·57 | |

| 1 | 2 | | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | | *Month of January* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | | Date of fall last reported. | | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | Total. | Special Remarks. |
| Jullundur. | Jullundur | s | 29th August | ... | ... | 0·17 | ... | 0·14 | ... | ... | ... | 0·31 | |
| | Nakodar | ... | 24th Do. | ... | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Phillour | ... | 17th January | ... | ... | ... | 0·03 | ... | ... | ... | ... | 0·03 | |
| | Nawashahr | ... | Ditto | ... | ... | ... | ... | 0·45 | ... | ... | ... | 0·45 | |
| Ludhiana. | Samrála | ... | 17th January | ... | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| | Ludhiána | s | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | ... | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | ... | 17th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | ... | 23rd Do. | ... | ... | ... | 0·19 | ... | ... | ... | ... | 0·19 | |
| | Ferozepore | s | 18th January | ... | ... | ... | 0·25 | ... | ... | ... | ... | 0·25 | |
| | Ferozepore city | ... | Ditto | ... | ... | ... | 0·37 | ... | ... | ... | ... | 0 37 | |
| | Muktsar | ... | 23rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | ... | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | s | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | ... | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | s | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | ... | 18th January | ... | ... | ... | 0 06 | ... | ... | ... | ... | 0·06 | |
| | Jhang | s | Ditto | ... | ... | ... | 0·03 | ... | ... | ... | ... | 0·03 | |
| | Chiniot | ... | Ditto | ... | ... | ... | 0·03 | 0·09 | ... | ... | ... | 0·12 | |
| Montgomery. | Gugera | ... | 17th January | ... | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Montgomery | s | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Pákpattan | ... | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | ... | 18th Septr. | ... | ... | ... | 0·25 | ... | ... | ... | ... | 0·25 | |
| Lahore. | Van *C* | b | 17th January | ... | ... | ... | 0·62 | ... | ... | ... | ... | 0·62 | |
| | Chunián | ... | 18th Septr. | ... | ... | ... | 0·70 | 0·10 | ... | ... | ... | 0·80 | |
| | Kasúr | ... | 17th January | ... | ... | ... | 0·30 | 0·58 | ... | ... | ... | 0 88 | |
| | Pambe *C* | b | 17th Septr. | ... | ... | ... | 0·10 | 0·06 | ... | ... | ... | 0·16 | |
| | Sharakpur | ... | 17th January | ... | ... | 0·10 | 0·10 | ... | ... | ... | ... | 0·20 | |
| | Niáz Beg *C* | ... | Ditto | ... | ... | ... | 0·10 | 0·20 | ... | ... | ... | 0·30 | |
| | Lahore | s | Ditto | ... | ... | ... | 0·12 | 0·03 | ... | ... | ... | 0·15 | |
| | Meean Meer *C* | b | Ditto | ... | ... | ... | ... | 0·14 | ... | ... | ... | 0·14 | |
| | Manihála *C* | ... | 27th August | ... | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Dafthu *C* | ... | 18th Septr. | ... | ... | ... | 0·15 | 0·09 | ... | ... | ... | 0·24 | |
| Amritsar. | Buchar *C* | b | 17th January | ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Khara *C* | ... | 26th August | ... | ... | ... | 0·42 | ... | ... | ... | ... | 0·42 | |
| | Tarn Táran | ... | 16th January | ... | ... | 0·06 | 0·27 | ... | ... | ... | ... | 0·33 | |
| | Raya *C* | ... | 18th Do. | ... | ... | ... | 0·39 | ... | ... | ... | ... | 0·39 | |
| | Jandiála *C* | ... | 26th August | ... | ... | ... | 0·39 | ... | ... | ... | ... | 0·39 | |
| | Jail Hospital | s | 16th January | ... | ... | 0 02 | 0·10 | ... | ... | ... | ... | 0·12 | |
| | Amritsar Tahsíl | ... | Ditto | ... | ... | 0 02 | 0·17 | ... | ... | ... | ... | 0·19 | |
| | Amritsar *C* | ... | 19th January | ... | ... | ... | 0·03 | 0·11 | ... | ... | ... | 0·14 | |
| | Buggeh *C* | ... | 31st August | ... | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Ajnála | ... | 18th January | ... | ... | ... | 0 06 | ... | ... | ... | ... | 0·06 | |
| Gurdaspur. | Aliwál *C* | ... | 18th January | ... | ... | ... | ... | 0·03 | ... | ... | ... | 0·03 | |
| | Batála | ... | Ditto | ... | ... | 0·04 | ... | ... | ... | ... | ... | 0·04 | |
| | Kaler *C* | ... | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur | s | 18th January | ... | ... | 0·03 | 0·20 | ... | ... | ... | ... | 0·23 | |
| | Bhímpur *C* | ... | 19th Do. | ... | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Pathánkot | ... | 18th Do. | ... | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Dalhousie | s | Ditto | ... | ... | ... | 0·70 | 0·10 | 0·40 | ... | ... | 1·20 | |
| | Mádhopur *C* | b | Ditto | ... | ... | ... | ... | 0·25 | ... | ... | ... | 0·25 | |
| | Shakargarh | ... | Ditto | ... | ... | ... | 0·06 | ... | ... | ... | ... | 0 C6 | |
| Siálkot. | Zafarwál | ... | 19th January | ... | ... | 0·06 | ... | ... | ... | ... | ... | 0·06 | |
| | Pasrúr | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | ... | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | ... | 18th January | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot | s | 19th Do. | ... | ... | 0·74 | ... | ... | ... | ... | ... | 0·74 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of January 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | Total. | Special Remarks. |
| Gujrat. | Sadr *s* | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujrát ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián ... | Ditto ... | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Phália ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad ... | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 17th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | 18th January ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| Shahpur. | Midh *s* | 16th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 19th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 19th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur *s* | 17th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 17th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 17th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station *s* | 19th Do. ... | ... | ... | ... | 0·05 | ... | ... | ... | 0·05 | |
| | Chakwál ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb ... | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | Ditto ... | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Attock ... | Ditto ... | 0·20 | 0·40 | ... | ... | ... | ... | ... | 0·60 | |
| | Ráwalpindi *s* | Ditto ... | 0·04 | 0·04 | 0·10 | ... | ... | ... | ... | 0·18 | |
| | Gujar Khan ... | Ditto ... | ... | ... | 1·58 | ... | ... | ... | ... | 1·58 | |
| | Kahúta ... | Ditto ... | ... | 0·11 | 0·14 | ... | ... | ... | ... | 0·25 | |
| | Murree *s* | 30th Decr. ... | ... | ... | 0·90 | ... | ... | ... | ... | 0·90 | |
| Hazara. | Abbott-abad *s* | 19th January ... | R. | 0·52 | 0·46 | 0·01 | 0·10 | R. | ... | 1·09 | |
| | Mansahra ... | Ditto ... | ... | 0·59 | 0·44 | 0·01 | 0·15 | ... | ... | 1·19 | |
| | Haripur ... | Ditto ... | ... | 0·30 | 0·20 | 0·10 | ... | ... | ... | 0·60 | |
| Peshawar. | Swábi ... | 19th January ... | ... | 0·36 | 0·07 | ... | ... | ... | ... | 0·43 | |
| | Lahore (Utman Bolak) | Ditto ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Nowshera ... | 18th January ... | 0·11 | 0·26 | ... | ... | ... | ... | ... | 0·37 | |
| | Mardán *s* | 19th Do. ... | ... | 0·30 | 0·10 | ... | ... | ... | ... | 0·40 | |
| | Katlang ... | 1st November ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Hashtnagar ... | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doáb Daudzai ... | Ditto ... | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Pesháwar *s* | Ditto ... | 0·06 | 0·06 | ... | D. | D. | ... | ... | 0·12 | |
| Kohat. | Kohát *s* | 18th January ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Hangu ... | Ditto ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Thal *s* | 17th January ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Karak ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Bannu. | Miánwáli ... | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | 19th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | 17th Do. ... | 0·90 | ... | ... | ... | ... | ... | ... | 0·90 | |
| Dera Ismail Khan. | Tánk ... | 18th January ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Kuláchi ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | 18th January ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sanghar ... | 15th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan *s* | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur ... | 27th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 20th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 9th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 11th JANUARY 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 2 | 5 | 10 | 6 | 4 | ... | ... | 5 | 2 | ... | 3 | 2 | 2 | 4 | 18 | 37 |
| 2 | | Hansi ... | 12,656 | 9 | 3 | 12 | 13 | 6 | 7 | ... | ... | 7 | ... | ... | 6 | 2 | 1 | 3 | 49 | 54 |
| 3 | | Bhiwani ... | 33,762 | 10 | 7 | 17 | 30 | 20 | 10 | ... | 3 | 9 | 1 | ... | 17 | 3 | 1 | 4 | 26 | 46 |
| 4 | | Sirsa ... | 12,292 | 5 | 7 | 12 | 6 | 5 | 1 | ... | ... | 5 | ... | ... | 1 | ... | 1 | 1 | 51 | 26 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 8 | 12 | 20 | 11 | 6 | 5 | ... | ... | 5 | 1 | ... | 5 | 3 | 2 | 5 | 66 | 37 |
| 6 | | Jhajjar ... | 11,650 | 8 | 5 | 13 | 7 | 3 | 4 | ... | ... | 5 | ... | ... | 2 | ... | 1 | 1 | 58 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 17 | 9 | 26 | 36 | 13 | 23 | ... | 12 | 16 | 4 | ... | 4 | 4 | 6 | 10 | 55 | 77 |
| 8 | | Palwal ... | 10,635 | 10 | 6 | 16 | 16 | 10 | 6 | ... | ... | 5 | 1 | ... | 10 | 5 | 1 | 6 | 78 | 78 |
| 9 | Delhi ... | Delhi ... | 117,363 | 38 | 38 | 76 | 129 | 63 | 66 | ... | ... | 74 | 5 | ... | 50 | 13 | 13 | 26 | 34 | 57 |
| 10 | | " Suburbs ... | 52,882 | 9 | 9 | 18 | 38 | 20 | 18 | ... | ... | 26 | 4 | ... | 8 | 2 | ... | 2 | 18 | 37 |
| 11 | | Sonepat ... | 13,077 | 2 | 6 | 8 | 9 | 5 | 4 | ... | ... | 4 | 1 | ... | 4 | 1 | 2 | 3 | 3[illegible] | 36 |
| 12 | Karnal ... | Karnal ... | 23,133 | 6 | 6 | 12 | 22 | 13 | 9 | ... | ... | 9 | 2 | ... | 11 | 2 | 1 | 3 | 27 | 50 |
| 13 | | Kaithal ... | 14,754 | 6 | 2 | 8 | 8 | 4 | 4 | ... | ... | 1 | 2 | ... | 5 | 2 | 1 | 3 | 28 | 28 |
| 14 | | Panipat ... | 26,572 | 9 | 5 | 14 | 12 | 6 | 6 | ... | ... | 3 | ... | ... | 9 | 3 | 1 | 4 | 27 | 24 |
| 15 | Umballa ... | Umballa ... | 26,777 | 9 | 5 | 14 | 21 | 12 | 9 | ... | ... | 7 | 4 | ... | 10 | ... | ... | ... | 27 | 41 |
| 16 | | Jagadhri ... | 12,300 | 4 | 3 | 7 | 3 | 2 | 1 | ... | ... | ... | ... | ... | 3 | ... | 1 | 1 | 30 | 13 |
| 17 | | Shahabad ... | 10,218 | 4 | 1 | 5 | 4 | 3 | 1 | ... | ... | 1 | 2 | ... | 1 | ... | 1 | 1 | 26 | 20 |
| 18 | | Sadhaura ... | 10,794 | ... | 3 | 3 | 5 | 3 | 2 | ... | ... | 3 | 1 | ... | 1 | ... | 1 | 1 | 14 | 24 |
| 19 | | Rupar ... | 10,326 | 1 | 4 | 5 | 7 | 3 | 4 | ... | ... | 2 | ... | ... | 5 | 2 | ... | 2 | 25 | 35 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 4 | 6 | 10 | 12 | 8 | 4 | ... | ... | 4 | 1 | 1 | 6 | 3 | 2 | 5 | 39 | 47 |
| 21 | | Tanda and Urmar ... | 10,295 | 10 | 4 | 14 | 16 | 10 | 6 | ... | ... | 11 | ... | ... | 5 | 5 | 2 | 7 | 71 | 81 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 20 | 16 | 36 | 16 | 7 | 9 | ... | ... | 9 | ... | ... | 7 | 2 | 5 | 7 | 66 | 27 |
| 23 | | " Suburbs ... | 11,474 | 8 | 12 | 20 | 7 | 3 | 4 | ... | ... | 4 | ... | ... | 3 | 1 | 4 | 5 | 91 | 32 |
| 24 | | Rahon ... | 11,736 | ... | 2 | 2 | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | 1 | 1 | 9 | 9 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 25 | 14 | 39 | 29 | 19 | 10 | ... | ... | 20 | 1 | 1 | 7 | 4 | 2 | 6 | 46 | 34 |
| 26 | | Jagraon ... | 16,873 | 6 | 4 | 10 | 23 | 13 | 10 | ... | ... | 8 | 1 | ... | 14 | 2 | ... | 2 | 31 | 71 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 12 | 5 | 17 | 22 | 17 | 5 | ... | ... | 11 | 3 | ... | 8 | 4 | 1 | 5 | 42 | 55 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | [illegible] | 17 | 35 | 23 | 10 | 13 | ... | ... | 8 | 4 | ... | 11 | 2 | 5 | 7 | 57 | 38 |
| 29 | | " Suburbs ... | 25,593 | 12 | 12 | 24 | 21 | 13 | 8 | ... | ... | 3 | 4 | 1 | 13 | 3 | 2 | 5 | 49 | 43 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 8 | 7 | 15 | 4 | 1 | 3 | ... | ... | 1 | ... | ... | 3 | ... | 2 | 2 | 62 | 16 |
| 31 | | Chiniot ... | 10,731 | 11 | 6 | 17 | 8 | 5 | 3 | ... | ... | ... | ... | 1 | 7 | 2 | 2 | 4 | 83 | 39 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 44 | 36 | 80 | 112 | 67 | 45 | ... | ... | 54 | 2 | ... | 56 | 8 | 6 | 14 | 43 | 60 |
| 33 | | ,, Suburbs ... | 41,670 | 6 | 6 | 12 | 27 | 21 | 6 | ... | ... | 18 | 1 | ... | 8 | 2 | 2 | 4 | 15 | 34 |
| 34 | | Kasur ... | 17,336 | 6 | 6 | 12 | 16 | 10 | 6 | ... | ... | 11 | 3 | ... | 2 | 1 | 1 | 2 | 36 | 48 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 55 | 59 | 114 | 121 | 73 | 48 | ... | ... | 61 | 2 | ... | 58 | 18 | 10 | 28 | 41 | 44 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 10 | 10 | 20 | 25 | 18 | 7 | ... | 3 | 16 | 1 | ... | 5 | 4 | 1 | 5 | 43 | 54 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 20 | 11 | 31 | 34 | 14 | 20 | ... | 6 | 8 | 1 | ... | 19 | 5 | 4 | 9 | 48 | 52 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 10 | 9 | 19 | 6 | 2 | 4 | ... | ... | 5 | ... | ... | 1 | ... | 1 | 1 | 53 | 17 |
| 39 | | Jalalpur ... | 12,839 | 2 | 2 | 4 | 5 | 4 | 1 | ... | ... | ... | 1 | ... | 4 | ... | ... | ... | 16 | 20 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 7 | 7 | 14 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | 1 | 1 | 2 | 32 | 16 |
| 41 | | Wazirabad ... | 16,462 | 8 | 5 | 13 | 10 | 6 | 4 | ... | ... | 7 | ... | ... | 3 | 3 | ... | 3 | 41 | 32 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 9 | 5 | 14 | 10 | 6 | 4 | ... | ... | 5 | ... | ... | 5 | 3 | 1 | 4 | 48 | 34 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 5 | 7 | 6 | 3 | 3 | ... | ... | 4 | ... | ... | 2 | ... | ... | ... | 22 | 19 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 4 | 7 | 14 | 10 | 4 | ... | ... | 10 | ... | ... | 4 | 1 | 1 | 2 | 22 | 44 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 12 | 7 | 19 | 25 | 14 | 11 | ... | ... | 10 | 6 | ... | 9 | 1 | 2 | 3 | 36 | 47 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 22 | 18 | 40 | 59 | 35 | 24 | ... | 17 | 31 | 1 | ... | 10 | 10 | 5 | 15 | 35 | 52 |
| 47 | Kohat ... | Kohat ... | 13,490 | 9 | 3 | 12 | 6 | 5 | 1 | ... | ... | 3 | ... | ... | 3 | ... | ... | ... | 46 | 23 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 4 | 2 | 6 | 15 | 11 | 4 | ... | ... | 9 | 3 | ... | 3 | ... | 2 | 2 | 16 | 41 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 8 | 4 | 12 | 13 | 5 | 8 | ... | ... | 10 | ... | ... | 3 | ... | 4 | 4 | 32 | 35 |
| | Birth and death rate of London for the week ending 21st December 1889 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·1 | 21·8 |
| | | Grand Total ... | 1,311,330 | 529 | 437 | 966 | 1081 | 618 | 463 | ... | 41 | 533 | 66 | 4 | 437 | 129 | 105 | 234 | 38 | 43 |
| | | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... | 12,305 | ... | 3 | 3 | 7 | 5 | 2 | ... | ... | 5 | 1 | ... | 1 | ... | ... | ... | 13 | 30 |
| | Dharmsala ... | ... | 3,839 | 1 | 1 | 2 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 27 | 27 |
| | Dalhousie ... | ... | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 60 |
| | Murree... | ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th February 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 11th January* 1890.

*General Results.*—The total deaths registered from all causes in the Province were 14,533 against 15,384 in the previous week and 10,799 in the corresponding week of the past year, giving respectively an annual death-rate of 40·2, 42·6 and 29·9 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 137 deaths were registered against 105 in the previous week and 257 in the corresponding week of the past year.

*Fevers.*—From fevers there were 10,898 deaths against 11,792 in the previous week and 7,698 in the corresponding week of the past year. The registered mortality from fevers is gradually decreasing, the decrease is most apparent in the districts of Kángra, Ráwalpindi and Muzaffargarh.

*Bowel complaints.*—From bowel complaints 321 deaths against 338 and 268.

*Chest disease.*—Nine hundred and seventy-four against 957 and 650.

*Snake-bite.*—Two against 2 and 1.

*Hydrophobia.*—One against 0 and 3.

*All other causes.*—Two thousand and two hundred against 2,190 in the previous week and 1,922 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand and twenty-three deaths were registered in the Province amongst infants under one year of age, of which number 1,579 were males and 1,444 females.

*Births and deaths in Municipal Towns.*—In the 49 large Municipal towns 1,081 deaths were registered (618 males and 463 females), giving a death-rate of 43 per mille of population; 966 births were registered (529 males and 437 females), giving a birth-rate of 38 per mille of population.

LAHORE: }
*The 4th February* 1890. }

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of December* 1889 *as compared with the same month of the previous year.*

| | STAPLES. | Total 1889. | Total 1888. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 2,166 | 1,222 | 944 | ... |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 9,417 | 7,514 | 1,903 | ... |
| | Do., intermediate and half-pressed ... | 33 | 221 | ... | 188 |
| | Do., unpressed ... | 968 | 976 | ... | 8 |
| III | Cotton twist and yarn ... | 284 | 352 | ... | 68 |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 1,491 | 2,262 | ... | 771 |
| | (2) Indian ... | 668 | 842 | ... | 174 |
| V | Drugs and medicines ... | 72 | 54 | 18 | ... |
| VI | Dye roots and colours ... | 212 | 376 | ... | 164 |
| VII | Firewood ... | 1,583 | 987 | 596 | ... |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 9,581 | 4,446 | 5,135 | ... |
| | (2) Other grains ... | 19,681 | 25,086 | ... | 5,405 |
| IX | Hay and grass ... | 18 | 36 | ... | 18 |
| X | Hides and skins ... | 720 | 783 | ... | 63 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 28 | 1,279 | ... | 302 |
| | (2) Gunny bags ... | 949 | | | |
| XII | Leather manufactured ... | 38 | 42 | ... | 4 |
| XIII | Liquors, wines, spirits and beer ... | 288 | 297 | ... | 9 |
| XIV | Machinery ... | 152 | 26 | 126 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,232 | | | |
| | (2) Brass and Copper ... | 284 | | | |
| | (3) Zinc and Spelter ... | 53 | 2,270 | ... | 166 |
| | (4) Others ... | 535 | | | |
| | (5) Lead ... | 5 | 4 | 1 | ... |
| XVI | Military Stores ... | 750 | 260 | 490 | ... |
| XVII | Mowra flowers and seeds ... | 319 | 342 | ... | 23 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 317 | 545 | 16 | ... |
| | (2) Others ... | 244 | | | |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 247 | | | |
| | (2) Rape seed ... | 1,831 | 12,221 | ... | 4,346 |
| | (3) Other oil seeds ... | 5,797 | | | |
| XX | Opium ... | 51 | 85 | ... | 34 |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 928 | 789 | 139 | ... |
| | (2) Dried Fruits and Nuts ... | 829 | 1,051 | ... | 222 |
| | (3) Cocoanuts ... | 520 | 574 | ... | 54 |
| | (4) Oilman stores ... | 35 | ... | 35 | ... |
| | (5) Fruits, green, and vegetables ... | 657 | 1,205 | ... | 548 |
| | (6) Others ... | 287 | 236 | 51 | ... |
| XXII | Railway material and rolling stock ... | 8,866 | 3,988 | 4,878 | ... |
| XXIII | Salt ... | 14,972 | 24.723 | ... | 9,751 |
| XXIV | Saltpetre ... | 902 | 998 | ... | 96 |
| XXV | Silk, raw and manufactured ... | 21 | 103 | ... | 82 |
| XXVI | Spices ... | 421 | 363 | 58 | ... |
| XXVII | Sugar and jagri ... | 15,934 | 11,139 | 4,795 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 346 | 2,596 | ... | 1,404 |
| | (2) Others ... | 846 | | | |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 79 | 106 | ... | 27 |
| | (2) Indian ... | 10 | 96 | ... | 86 |
| XXX | Timber ... | 1,227 | 1,166 | 61 | ... |
| XXXI | Tobacco ... | 596 | 576 | 20 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 518 | 630 | ... | 112 |
| | (2) Piece-goods, woollen ... | 7 | 190 | ... | 183 |
| XXXIII | All other articles ... | 10,329 | 10,014 | 315 | ... |
| | Total ... | 118,344 | 123,071 | 19,581 | 24,308 |
| | *Net* Decrease ... | ... | ... | ... | 4,727 |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The* 21*st January* 1890.

J. O'CONNELL,
*Chief Auditor and Accountant.*

Punjab Government Press, Lahore—6-2-90—690.

No. 7 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 13, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 11th FEBRUARY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | ... | Crops much in need of rain. |
| 2 | Delhi ... | ... | ... | Do. | ... | Crops on baráni lands suffering from drought. |
| 3 | Umballa ... | ... | ... | Do. | ... | Crops doubtful. |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | ... | Rain much wanted. Condition of standing crops average. |
| 5 | Ferozepore ... | ... | Fodder sufficient. | Do. | ... | Crops on unirrigated lands suffering for want of rain. |
| 6 | Amritsar ... | ... | Ditto. | Rising. | ... | Baráni crops suffering from want of rain. Canal closed for repairs. Crops likely to suffer thereby. |
| 7 | Siálkot ... | ... | Fodder insufficient. | Do. | ... | Crops suffering for want of rain. |
| 8 | Lahore ... | ... | Fodder sufficient but scarce at Sadr. | Stationary but rising at Sadr and Sharakpur. | ... | Sowings of extra rabi crops commenced. Prospects of standing crops on cháhi and nahri lands good. A very heavy flight of locusts passed over Lahore twice during the week, *i. e.*, on the 5th and again on the 9th instant, but no damage was done to crops. The Tahsíldárs have not reported any damage. |
| 9 | Mooltan ... | ... | Fodder scarce in Rawa. | Stationary. | ... | Crops in good condition at present. Rain much needed. |
| 10 | Ráwalpindi ... | ... | Fodder sufficient. | Rising. | ... | Crops below average. Locusts in Ráwalpindi, Kahúta and Murree. |
| 11 | Shahpur ... | ... | Ditto. | Stationary. | ... | Crops withering. Rain very much needed. |
| 12 | D. I. Khan ... | ... | Fodder-supply average. | Do. | ... | Condition of crops fair. Rain wanted. Crops of oil-seeds, Sarshaf, Táramíra, slightly damaged by locusts in parts of Tahsíls Dera, Kulachi and Tánk. |
| 13 | Pesháwar ... | ... | Fodder sufficient. | Do. | ... | Prospects of crops favourable on abi lands. Rain wanted. |

*GENERAL REMARKS.*

No rainfall. Prices are reported stationary in all districts except Amritsar, Siálkot and Ráwalpindi, where they are rising. Sowing of rabi crops over and those of extra rabi commenced. Rain much wanted throughout the Province. Condition of crops is reported to be fair. The crops on baráni lands in most districts are suffering from drought. Lahore, Ráwalpindi and Dera Ismail Khan Districts, have been visited by locusts, but only slight damage done in parts of Dera Ismail Knan. Fodder sufficient except in Jullundur, Siálkot and parts of Lahore and Mooltan.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 19 | 19 | 17 | 25 | 25 | 22 | ... | ... | ... | 10 | 11 | 10 | 25 | 25 | 23 | 24 | 23 | 19 |
| Rohtak ... | 17 | 18 | 16 | 24 | 24 | 20 | ... | ... | ... | 12 | 12 | 11 | 23 | 23 | 23 | 20 | 20 | 20 |
| Gurgaon ... | 17 | 17 | 17 | 25 | 25 | 23 | ... | ... | ... | 10 | 10 | 11 | 25 | 25 | 21 | 20 | 20 | 19 |
| Delhi ... | 17 | 17 | 15 | 24 | 24 | 22 | ... | ... | ... | 12 | 12 | 12 | 22 | 22 | 22 | 20 | 20 | 16 |
| Karnál ... | 17 | 17 | 16 | 26 | 27 | 23 | ... | ... | ... | 11 | 11 | 12 | 24 | 25 | 25 | 20 | 20 | 17 |
| Umballa ... | 18 | 18 | 18 | 26 | 26 | 24 | ... | ... | ... | 11 | 11 | 12 | 25 | 25 | 24 | 22 | 22 | 20 |
| Simla ... | 13 | 14 | 13 | 20 | 20 | § | ... | ... | ... | 9 | 9 | 9 | 15 | 15 | 16 | 13 | 13 | 15 |
| Kángra ... | 17 | 17 | 13 | 25 | 25 | 18 | ... | ... | ... | 12 | 12 | 12 | 14 | 12 | 12 | 11 | 10 | 10 |
| Hoshiárpur ... | 20 | 21 | 18 | 27 | 28 | 23 | ... | ... | ... | 10 | 10 | 10 | 28 | 28 | 24 | 22 | 22 | 20 |
| Jullundur ... | 20 | 20 | 18 | 30 | 28 | 24 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 24 | 20 | 20 | 18 |
| Ludhiána ... | 20 | 20 | 19 | 29 | 32 | 26 | ... | ... | ... | 12 | 12 | 12 | 28 | 26 | 26 | 25 | 24 | 22 |
| Ferozepore ... | 20 | 19 | 17 | 36 | 38 | 25 | ... | ... | ... | 10 | 10 | 11 | 30 | 24 | 24 | 26 | 29 | 20 |
| Mooltan ... | 16 | 16 | 14 | 28 | 27 | 23 | ... | ... | ... | 10 | 10 | 11 | 27 | 26 | 20 | 23 | 22 | 17 |
| Jhang ... | 17 | 17 | 17 | 30 | 30 | 26 | ... | ... | ... | 10 | 9 | 10 | 23 | 23 | 22 | 22 | 22 | 19 |
| Montgomery... | 18 | 18 | 16 | 28 | 28 | 23 | ... | ... | ... | 10 | 10 | 10 | 25 | 26 | 23 | 20 | 20 | 15 |
| Lahore ... | 18 | 19 | 16 | 36 | 36 | 24 | ... | ... | ... | 11 | 11 | 9 | 31 | 32 | 24 | 18 | 18 | 18 |
| Amritsar ... | 20 | 20 | 17 | 29 | 33 | 22 | ... | ... | ... | 10 | 11 | 10 | 29 | 25 | 22 | 22 | 22 | 18 |
| Gurdáspur ... | 21 | 22 | 17 | 24 | 26 | 22 | ... | ... | ... | 14 | 14 | 12 | 20 | 20 | 22 | 14 | 14 | 14 |
| Siálkot ... | 19 | 18 | 17 | 32 | 31 | 24 | ... | ... | ... | 13 | 13 | 13 | 30 | 30 | 23 | 25 | 25 | 22 |
| Gujrát ... | 20 | 21 | 17 | 34 | 35 | 22 | ... | ... | ... | 12 | 12 | 9 | 30 | 30 | 20 | 26 | 26 | 18 |
| Gujránwála ... | 19 | 20 | 16 | 34 | 34 | 24 | ... | ... | ... | 12 | 12 | 11 | 28 | 29 | 21 | 19 | 20 | 15 |
| Shahpur ... | 19 | 19 | 16 | 33 | 33 | 22 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 22 | 24 | 24 | 20 |
| Jhelum ... | 21 | 22 | 15 | 36 | 37 | 22 | ... | ... | ... | 15 | 14 | 10 | ‡ | 29 | 21 | 27 | 28 | 18 |
| Ráwalpindi ... | 20 | 20 | 17 | 42 | 41 | 22 | ... | ... | ... | 14 | 14 | 11 | 35 | 39 | 23 | 27 | 27 | 17 |
| Hazára ... | 22 | 25 | 13 | 39 | 42 | 19 | ... | ... | ... | 13 | 12 | 11 | 16 | 16 | § | 24 | 24 | 16 |
| Peshawar ... | 19 | 19 | 14 | 46 | 45 | 21 | ... | ... | ... | 11 | 11 | 10 | 38 | 37 | 24 | 21 | 24 | 15 |
| Kohát ... | 22 | 22 | 13 | 43 | 39 | 19 | ... | ... | ... | 13 | 15 | 11 | 30 | 30 | 17 | 30 | 30 | 16 |
| Bannu ... | 25 | 24 | 15 | 53 | 53 | 20 | ... | ... | ... | 15 | 15 | 10 | 44 | 45 | 20 | 31 | 31 | 16 |
| D. I. Khan ... | 21 | 20 | 15 | 39 | 37 | 24 | ... | ... | ... | 9 | 9 | 8 | 36 | 34 | 22 | 30 | 29 | 19 |
| D. G. Khan ... | 17 | 16 | 15 | 28 | 26 | 20 | ... | ... | ... | 8 | 8 | 10 | 25 | 25 | 19 | 23 | 22 | 18 |
| Muzaffargarh | 17 | 17 | 15 | 25 | 25 | 23 | ... | ... | ... | 13 | 13 | 12 | 19 | 19 | 16 | 19 | 19 | 17 |

‡ Not sold.
§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st JANUARY 1890.**

THE ORDINARY SEER OF 80 TOLAS.

| No. 8: *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | No. 9: *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | No. 10: *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 27 | 27 | 25 |
| † | † | † | 16 | 16 | † | 23 | 24 | 24 |
| † | † | † | † | † | † | 24 | 24 | 15 |
| † | † | ... | 14 | 13 | 12 | 23 | 23 | 22 |
| 22 | 22 | 22 | 18 | 18 | 17 | 25 | 25 | 25 |
| 20 | 20 | 20 | 9 | 9 | 12 | 26 | 26 | 24 |
| 18 | 18 | 16 | 8 | 8 | § | 17 | 19 | 17 |
| | | | | | | | | |
| 25 | 22 | 24 | 7 | 8 | 8 | 22 | 22 | 17 |
| 14 | 14 | 14 | 24 | 24 | 24 | 26 | 27 | 22 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 28 | 27 | 20 |
| † | † | † | 20 | 20 | 20 | 24 | 28 | 25 |
| † | † | † | 22 | 20 | 16 | 31 | 31 | 22 |
| | | | | | | | | |
| † | † | † | 25 | 25 | 22 | 22 | 22 | 17 |
| 22 | 24 | 20 | 22 | 24 | 20 | 22 | 18 | 16 |
| § | § | § | 32 | 32 | 24 | 26 | 26 | 20 |
| § | § | § | 22 | 22 | 20 | 27 | 27 | 21 |
| † | † | † | 21 | 21 | 18 | 26 | 28 | 22 |
| † | † | † | 16 | 16 | 12 | 24 | 26 | 20 |
| | | | | | | | | |
| § | § | § | 32 | 32 | 25 | 25 | 25 | 22 |
| † | † | † | 12 | 12 | 12 | 25 | 26 | 20 |
| § | § | ... | 19 | 20 | 10 | 24 | 25 | 20 |
| 20 | 20 | 20 | 20 | 20 | 17 | 27 | 26 | 20 |
| ‡ | ‡ | † | ‡ | ‡ | 10 | 25 | 25 | 20 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 26 | 26 | 19 |
| | | | | | | | | |
| † | † | † | 16 | 16 | 12 | 22 | 22 | 17 |
| † | † | † | 22 | 22 | 19 | 21 | 22 | 16 |
| † | † | § | 32 | 32 | 16 | 29 | 25 | 16 |
| | | | | | | | | |
| 8 | 9 | 8 | 8 | 9 | 8 | 35 | 34 | 18 |
| § | § | 15 | 6 | 6 | 5 | 29 | 27 | 17 |
| § | § | ‡ | § | § | ‡ | 22 | 23 | 16 |
| § | § | § | § | § | § | 21 | 19 | 17 |

**REMARKS ON CURRENT VARIATIONS.**

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 31st Jany. 1890. | | Past fortnight ending 15th Jany. 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 19 | 18 | 18 | † | † | † | 90 | 120 | 85 | 11 12 | 11 8 | 11 8 | 11 0 | 11 0 | 10 0 |
| Rohtak ... | 20 | 20 | 18 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 10 0 | 11 0 | 10 0 | 12 0 | 12 0 |
| Gurgaon ... | 24 | 24 | 20 | 20 | 20 | 13 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 24 | 23 | 21 | 25 | 26 | 22 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 26 | 26 | 23 | 21 | 21 | 19 | 160 | 160 | 140 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 27 | 25 | 23 | 20 | 20 | 16 | 130 | 130 | 130 | 11 0 | 11 0 | 11 0 | 11 0 | 13 0 | 12 0 |
| Simla ... | 20 | 20 | 16 | 11 | 11 | 10 | 65 | 65 | 65 | 9 12 | 8 12 | 9 12 | 9 2 | 9 8 | 9 0 |
| Kángra ... | 21 | 20 | 17 | 12 | 12 | 16 | 100 | 100 | 100 | † | 9 0 | † | 10 0 | ‡ | 9 0 |
| Hoshiárpur ... | 27 | 27 | 23 | 15 | 15 | 20 | 80 | 85 | 100 | 13 3 | 13 0 | 11 12 | 11 8 | 13 4 | 13 0 |
| Jullundur ... | 28 | 28 | 24 | ‡ | ‡ | ‡ | 90 | 90 | 100 | 11 0 | 10 8 | 12 0 | 11 0 | 13 0 | 12 8 |
| Ludhiána ... | ... | 29 | 26 | 14 | 14 | 14 | 110 | 110 | 110 | 12 0 | 11 8 | 12 0 | 11 8 | 13 0 | 13 0 |
| Ferozepore ... | 30 | 32 | 24 | 11 | 11 | 13 | 100 | 100 | 100 | 13 0 | 13 0 | 12 0 | 12 0 | 13 4 | 13 0 |
| Mooltan ... | 24 | 23 | 18 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Jhang ... | 24 | 23 | 20 | 10 | 10 | 10 | 200 | 200 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 8 |
| Montgomery... | 25 | 28 | 20 | 12 | 12 | 12 | 200 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 30 | 31 | 21 | 12 | 12 | 12 | 85 | 85 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 27 | 30 | 23 | † | † | † | 90 | 90 | 90 | 12 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Gurdáspur ... | 26 | 28 | 22 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 26 | 26 | 22 | 12 | 12 | 14 | 120 | 120 | 160 | 14 0 | 13 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Gujrát ... | 26 | 26 | 19 | † | † | † | 120 | 120 | 120 | * | 13 0 | * | 13 0 | * | 13 0 |
| Gujránwála ... | 24 | 24 | 19 | § | § | 8 | 85 | 85 | 90 | 12 0 | 11 8 | 11 8 | 11 0 | 13 8 | 13 0 |
| Shahpur ... | 27 | 26 | 20 | ‡ | ‡ | 10 | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 27 | 26 | 20 | ‡ | ‡ | 11 | 160 | 120 | 160 | 14 0 | 14 0 | 12 0 | 12 0 | ... | 14 0 |
| Ráwalpindi ... | 29 | 29 | 18 | 25 | 25 | 17 | 85 | 85 | 100 | 13 8 | 13 4 | 13 4 | 13 0 | 13 12 | 13 8 |
| Hazára ... | 32 | 32 | 17 | † | † | † | 100 | 100 | 120 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshávar ... | 35 | 33 | 19 | 30 | 29 | 23 | 105 | 108 | 93 | 40 0 | 39 0 | 40 0 | 38 0 | 42 0 | 40 0 |
| Kohát ... | 31 | 31 | 20 | † | † | § | 143 | 100 | 130 | 65 0 | 60 0 | 65 0 | 60 0 | 64 0 | 60 0 |
| Bannu ... | 43 | 43 | 21 | 13 | 14 | 12 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 30 | 30 | 16 | 15 | 15 | § | 112 | 112 | 112 | 39 0 | 37 0 | 39 0 | 37 0 | 45 0 | 43 0 |
| D. G. Khan ... | § | § | ‡ | § | § | ‡ | 125 | 125 | 75 | 28 8 | 27 8 | 31 0 | 30 0 | 29 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st JANUARY 1890—concluded.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 12 8 | 13 0 | 13 2 | 7 0 | 7 0 | 8 0 |
| 13 0 | 13 0 | 17 0 | 8 0 | 8 0 | 8 0 |
| 13 0 | 13 0 | 18 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 10 0 | 6 0 | 7 0 | 7 0 |
| 12 0 | 12 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 12 0 | 12 0 | 13 0 | 7 8 | 7 8 | 7 0 |
| 7 8 | 7 8 | 7 0 | 2 4 | 2 6 | 2 8 |
| | | | | | |
| 9 0 | 9 0 | 9 0 | 7 0 | 8 0 | 8 0 |
| 10 0 | 10 0 | 12 0 | 7 0 | 7 0 | 8 0 |
| 12 0 | 12 0 | 13 0 | 8 0 | 8 0 | 7 0 |
| 11 0 | 10 0 | 12 0 | 9 0 | 8 0 | 9 0 |
| 12 4 | 12 0 | 15 0 | 8 8 | 8 0 | 8 8 |
| | | | | | |
| 9 8 | 10 0 | 10 0 | 7 0 | 7 0 | 7 0 |
| 11 0 | 11 0 | 12 0 | 8 0 | 8 0 | 9 0 |
| 11 0 | 11 0 | 11 0 | 9 0 | 9 0 | 9 0 |
| 9 0 | 9 8 | 12 0 | 8 1 | 8 1 | 7 2 |
| 13 0 | 13 0 | 14 0 | 8 0 | 8 0 | 8 0 |
| 15 8 | 14 8 | 14 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 14 0 | 14 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 13 0 | 13 0 | 13 0 | 10 0 | 10 0 | 8 0 |
| 12 0 | 12 0 | 13 0 | 9 0 | 9 0 | 8 0 |
| 11 0 | 11 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 12 0 | 13 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| 11 8 | 11 12 | 10 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 9 8 | § | § | § |
| 10 0 | 10 0 | 10 0 | 8 12 | 8 12 | 6 12 |
| 12 0 | 10 0 | 11 8 | 10 0 | 10 0 | 7 8 |
| | | | | | |
| 15 15 | 15 10 | 14 0 | 9 6 | 8 12 | 10 0 |
| 13 0 | 12 0 | 12 0 | 8 12 | 9 1 | 9 0 |
| 8 2 | 8 2 | 9 6 | 8 8 | 8 8 | 8 12 |
| 9 0 | 9 8 | 9 0 | 8 0 | 8 0 | 9 8 |

### REMARKS ON CURRENT VARIATIONS.

*Firewood*—Prices average 117 seers as compared with 116 seers in last fortnight and 121 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Karnál ... | 140 | 160 | 160 |
| Hoshiárpur ... | 100 | 85 | 80 |
| Jhang ... | 240 | 200 | 200 |
| Siálkot ... | 160 | 120 | 120 |
| Hazára ... | 120 | 100 | 100 |
| D. G. Khan ... | 75 | 125 | 125 |

*Lahori Salt.*—Prices average 11 seers 11 chataks as compared with 11 seers 8 chataks in last fortnight and 12 seers 2 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Sr. C. | Sr. C. | Sr. C. |
| Rohtak ... | 12 0 | 10 0 | 10 0 |
| Jullundur ... | 12 8 | 10 0 | 10 0 |
| Amritsar ... | 13 0 | 12 0 | 12 0 |
| Gujránwála ... | 13 0 | 11 0 | 11 0 |

*Kohát Salt.*—Prices average 40 seers 11 chataks as compared with 41 seers in last fortnight and 42 seers in corresponding period of 1889. The following are the chief variations :—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Kohát ... | 40 | 38 | 39 |
| D. I. Khan ... | 43 | 37 | 37 |

*Gur.*—Prices average 11 seers 8 chataks as compared with 11 seers 6 chataks in last fortnight and 12 seers 6 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Sr. C. | Sr. C. | Sr. C. |
| Gurgaon ... | 18 0 | 13 0 | 13 0 |
| Ferozepore ... | 15 0 | 12 0 | 12 4 |
| Lahore ... | 12 0 | 9 8 | 9 0 |
| Siálkot ... | 16 0 | 14 0 | 14 0 |
| Hazára ... | 9 8 | 8 0 | 8 0 |
| D. G. Khan ... | 9 6 | 8 2 | 8 2 |

*Cotton (Unginned).*—Prices average 8 seers 5 chataks as compared with 8 seers 5 chataks in last fortnight and 8 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Sr. C. | Sr. C. | Sr. C. |
| Delhi ... | 7 0 | 6 0 | 7 0 |
| Jullundur ... | 7 0 | 8 0 | 8 0 |
| Gurdáspur ... | 8 0 | 9 0 | 9 0 |
| Gujrát ... | 8 0 | 10 0 | 10 0 |
| Kohát ... | 7 8 | 10 0 | 10 0 |
| Muzaffargarh ... | 9 8 | 8 0 | 8 0 |

§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR
FORTNIGHT ENDING

| District. | | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. |
| | | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi | ... | 18 | 18 | 16 | 25 | 25 | 23 | ... | ... | ... | 13 | 13 | 13 | 23 | 23 | 23 | 21 | 21 | 17 | † | † | ... |
| Ferozepore | ... | 20 | 19 | 17 | 36 | 38 | 25 | ... | ... | ... | 10 | 10 | 11 | 30 | 24 | 24 | 26 | 30 | 20 | † | † | ... |
| Mooltan | ... | 17 | 16 | 15 | 28 | 28 | 24 | ... | ... | ... | 11 | 11 | 12 | 28 | 27 | 21 | 23 | 23 | 18 | † | † | ... |
| Lahore | ... | 19 | 19 | 17 | 37 | 37 | 25 | ... | ... | ... | 11 | 13 | 10 | 32 | 33 | 25 | 20 | 20 | 20 | § | § | ... |
| Amritsar | ... | 20 | 21 | 18 | 30 | 34 | 23 | ... | ... | ... | 11 | 12 | 11 | 30 | 26 | 23 | 23 | 23 | 18 | † | † | ... |
| Peshávar | ... | 20 | 20 | 15 | 48 | 47 | 22 | ... | ... | ... | 12 | 12 | 11 | 39 | 39 | 25 | 22 | 25 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 31st JANUARY 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Jany. 1890. | Past fortnight ending 15th Jany. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 15 | 14 | 13 | 24 | 24 | 23 | 25 | 24 | 22 | 26 | 27 | 23 | 10 0 | 10 0 | 11 0 | 7 0 | 8 0 | 7 8 | |
| 22 | 20 | 16 | 31 | 31 | 22 | 30 | 32 | 24 | 11 | 11 | 13 | 12 0 | 12 4 | 15 0 | 8 8 | 8 8 | 8 8 | |
| 26 | 26 | ... | 23 | 23 | 23 | 25 | 24 | 18 | † | † | 19 | 10 0 | 11 0 | 11 0 | 7 8 | 7 8 | 7 0 | |
| 23 | 23 | 22 | 28 | 28 | 22 | 31 | 32 | 22 | 13 | 13 | 13 | 10 0 | 9 8 | 13 0 | 8 4 | 9 0 | 7 6 | |
| 22 | 22 | 18 | 27 | 29 | 23 | 28 | 31 | 24 | † | † | ... | 14 0 | 14 0 | 15 0 | 8 0 | 8 0 | 8 0 | |
| 23 | 23 | 20 | 22 | 23 | 17 | 36 | 34 | 20 | 31 | 30 | 24 | 11 0 | 11 0 | 11 0 | 8 15 | 9 0 | 6 15 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—The gauges in use are indicated thus—
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Week ending 26th January 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | | |
| Simla. | Barauli ... | 17th January ... | ... | ... | ... | 1·00 | 0·30 | ... | ... | 1·30 | |
| | Simla *s* | 19th Do. ... | ... | ... | ... | 0·43 | 0·10 | 0·21 | ... | 0·74 | |
| | Kot Kháí ... | 18th Do. ... | ... | ... | 0·30 | ... | 0·20 | ... | ... | 0 50 | |
| | Kotgarh ... | Ditto ... | ... | ... | 0·30 | ... | 0·20 | ... | ... | 0·50 | |
| | Kilba *s* | 18th Septr. ... | ... | ... | 0·84 | ... | 0 10 | ... | ... | 0·94 | |

## Weekly Rain Report for the week ending 2nd February 1890.

MEMO.—There has been no rainfall of importance. Every return received is blank except a fall of 0·30 at Sinanwan (Muzaffargarh District) on 27th January 1890 :—
Returns not received from Kilba (Simla District).

PESTONJI, *Supdt*,
*Office of Director of Land Records and Agriculture, Punjab.*

## Snowfall Report

*Murree (Ráwalpindi District).*—The snowfall during the month of January 1890 was measured 1 foot 4 inches.
*Kahuta (Ráwalpindi District).*—The depth of snow on Kahuta hills during January was measured about 3 inches.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 18th JANUARY 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 5 | 3 | 8 | 17 | 12 | 5 | ... | 1 | 7 | ... | ... | 9 | 2 | 2 | 4 | 29 | 63 |
| 2 | | Hansi ... | 12,656 | 3 | 3 | 6 | 14 | 10 | 4 | ... | ... | 7 | ... | ... | 7 | 1 | ... | 1 | 25 | 58 |
| 3 | | Bhiwani ... | 33,762 | 12 | 11 | 23 | 35 | 19 | 16 | ... | 2 | 10 | 2 | ... | 21 | 9 | 5 | 14 | 36 | 54 |
| 4 | | Sirsa ... | 12,292 | 5 | 3 | 8 | 6 | 1 | 5 | ... | ... | 1 | 1 | ... | 4 | ... | 1 | 1 | 34 | 26 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 5 | 5 | 10 | 14 | 7 | 7 | ... | ... | 6 | ... | ... | 8 | 2 | 2 | 4 | 33 | 46 |
| 6 | | Jhajjar ... | 11,650 | 4 | 3 | 7 | 7 | 4 | 3 | ... | ... | 4 | 1 | ... | 2 | ... | ... | ... | 31 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 5 | 7 | 12 | 19 | 11 | 8 | ... | 10 | 3 | 4 | ... | 2 | 2 | 1 | 3 | 26 | 41 |
| 8 | | Palwal ... | 10,635 | 6 | 7 | 13 | 12 | 5 | 7 | ... | ... | 7 | 1 | ... | 4 | ... | 2 | 2 | 64 | 59 |
| 9 | Delhi ... | Delhi ... | 117,363 | 50 | 43 | 93 | 115 | 57 | 58 | ... | 1 | 64 | 5 | 1 | 44 | 13 | 14 | 27 | 41 | 51 |
| 10 | | " Suburbs ... | 52,882 | 16 | 11 | 27 | 28 | 17 | 11 | ... | ... | 22 | 1 | ... | 5 | 2 | 1 | 3 | 27 | 28 |
| 11 | | Sonepat ... | 13,077 | 7 | 1 | 8 | 7 | 4 | 3 | ... | ... | 3 | 1 | 1 | 2 | ... | ... | ... | 32 | 28 |
| 12 | Karnal ... | Karnal ... | 23,133 | 10 | 4 | 14 | 24 | 15 | 9 | ... | ... | 5 | 1 | ... | 18 | 3 | 1 | 4 | 32 | 54 |
| 13 | | Kaithal ... | 14,754 | 8 | 6 | 14 | 9 | 5 | 4 | ... | ... | 3 | 2 | ... | 4 | 2 | 1 | 3 | 49 | 32 |
| 14 | | Panipat ... | 26,572 | 15 | 10 | 25 | 17 | 11 | 6 | ... | ... | 8 | 2 | ... | 7 | 3 | 1 | 4 | 49 | 33 |
| 15 | Umballa ... | Umballa ... | 26,777 | 12 | 8 | 20 | 18 | 11 | 7 | ... | ... | 8 | ... | ... | 10 | 3 | 1 | 4 | 39 | 36 |
| 16 | | Jagadhri ... | 12,300 | 6 | 4 | 10 | 8 | 7 | 1 | ... | ... | 2 | 1 | ... | 5 | 1 | ... | 1 | 42 | 34 |
| 17 | | Shahabad ... | 10,218 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 5 |
| 18 | | Sadhaura ... | 10,794 | 5 | 5 | 10 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | 1 | ... | 1 | 48 | 10 |
| 19 | | Rupar ... | 10,326 | 3 | 4 | 7 | 5 | 3 | 2 | ... | ... | 1 | ... | ... | 4 | 2 | 1 | 3 | 35 | 25 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 7 | 2 | 9 | 13 | 6 | 7 | ... | ... | 5 | ... | ... | 8 | 3 | ... | 3 | 35 | 51 |
| 21 | | Tanda and Urmar ... | 10,295 | 7 | 4 | 11 | 8 | 7 | 1 | ... | ... | 6 | ... | ... | 2 | 2 | ... | 2 | 56 | 41 |
| 22 | Jullundur ... | Jullundur ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 23 | | " Suburbs ... | | | | | | | | | | | | | | | | | | |
| 24 | | Rahon ... | | | | | | | | | | | | | | | | | | |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 20 | 23 | 43 | 21 | 9 | 12 | ... | ... | 15 | 2 | ... | 4 | 3 | 2 | 5 | 51 | 25 |
| 26 | | Jagraon ... | 16,873 | 4 | 10 | 14 | 28 | 14 | 14 | ... | 1 | 12 | 2 | ... | 13 | 2 | 3 | 5 | 43 | 87 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 12 | 11 | 23 | 15 | 8 | 7 | ... | ... | 9 | 1 | ... | 5 | 3 | 1 | 4 | 57 | 37 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 24 | 12 | 36 | 18 | 8 | 10 | ... | ... | 6 | 1 | ... | 11 | 6 | 3 | 9 | 59 | 29 |
| 29 | | " Suburbs ... | 25,593 | 9 | 16 | 25 | 18 | 10 | 8 | ... | ... | 9 | 1 | ... | 8 | 3 | 2 | 5 | 51 | 37 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 7 | 2 | 9 | 7 | 1 | 6 | ... | ... | 2 | ... | ... | 5 | 1 | 4 | 5 | 37 | 29 |
| 31 | | Chiniot ... | 10,731 | 5 | 6 | 11 | 8 | 3 | 5 | ... | ... | 3 | ... | ... | 5 | 3 | 2 | 5 | 53 | 39 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 34 | 46 | 80 | 114 | 72 | 42 | ... | ... | 59 | 2 | ... | 53 | 13 | 3 | 16 | 43 | 61 |
| 33 | | " Suburbs ... | 41,670 | 11 | 9 | 20 | 23 | 19 | 4 | ... | ... | 8 | 1 | ... | 14 | 3 | 3 | 6 | 25 | 29 |
| 34 | | Kasur ... | 17,336 | 10 | 7 | 17 | 6 | 4 | 2 | ... | ... | 3 | 1 | ... | 2 | 1 | 1 | 2 | 51 | 18 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 51 | 68 | 119 | 124 | 78 | 46 | ... | ... | 56 | 4 | ... | 64 | 20 | 16 | 36 | 43 | 45 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 17 | 10 | 27 | 17 | 7 | 10 | ... | 2 | 8 | ... | ... | 7 | 1 | 1 | 2 | 58 | 37 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 18 | 17 | 35 | 37 | 20 | 17 | ... | 7 | 11 | ... | ... | 19 | 6 | 3 | 9 | 54 | 57 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 6 | 14 | 8 | 3 | 5 | ... | ... | 5 | ... | ... | 3 | 1 | 1 | 2 | 39 | 22 |
| 39 | | Jalalpur ... | 12,839 | 9 | 5 | 14 | 4 | 1 | 3 | ... | ... | 2 | 1 | ... | 1 | ... | ... | ... | 57 | 16 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 19 | 9 | 28 | 17 | 11 | 6 | ... | 2 | 7 | 1 | ... | 7 | 3 | 2 | 5 | 64 | 39 |
| 41 | | Wazirabad ... | 16,462 | 6 | 5 | 11 | 12 | 5 | 7 | ... | ... | 10 | ... | ... | 2 | ... | 2 | 2 | 35 | 38 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 6 | 7 | 13 | 12 | 5 | 7 | ... | ... | 4 | 1 | ... | 7 | 1 | 5 | 6 | 45 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 4 | 5 | 9 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 28 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 4 | 4 | 8 | 8 | 5 | 3 | ... | ... | 6 | 2 | ... | ... | 1 | ... | 1 | 25 | 25 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 3 | 8 | 11 | 26 | 17 | 9 | ... | ... | 14 | 5 | ... | 7 | 2 | 2 | 4 | 21 | 49 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 16 | 37 | 43 | 23 | 20 | ... | 10 | 21 | 2 | ... | 10 | 4 | 5 | 9 | 33 | 38 |
| 47 | Kohat ... | Kohat ... | 13,490 | 6 | 6 | 12 | 12 | 8 | 4 | ... | ... | 7 | 3 | ... | 2 | 2 | 2 | 4 | 46 | 46 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 3 | 6 | 9 | 15 | 10 | 5 | ... | ... | 8 | 4 | ... | 3 | 2 | 2 | 4 | 25 | 41 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 6 | 6 | 12 | 14 | 7 | 7 | ... | ... | 7 | 3 | ... | 4 | 3 | 1 | 4 | 32 | 37 |
| Birth and death rate of London for the week ending 28th December 1889 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | (?) 21·7 | 20·3 |
| | | GRAND TOTAL ... | 1,256,943 | 508 | 464 | 972 | 991 | 565 | 426 | ... | 36 | 468 | 59 | 2 | 426 | 136 | 100 | 236 | 40 | 41 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | ... ... ... | 12,305 | 1 | 1 | 2 | 5 | 3 | 2 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | 8 | 21 |
| Dharmsala | ... | ... ... ... | 3,839 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 14 |
| Dalhousie | ... | ... ... ... | 870 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... |
| Murree... | ... | ... ... ... | 2,489 | ... | 1 | 1 | 2 | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 21 | 42 |

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 8th February 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 18th January 1890.*

*General Results.*—The return is incomplete, the registers for the district of Jullundur not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 12,074 against 14,040 in the previous week and 10,173 in the corresponding week of the past year, giving respectively an annual death-rate of 34·9, 40·6 and 29·4 per 1,000 of population. The diminution of the death-rate is due principally to the decrease in the number of deaths registered from fevers.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 140 deaths were registered against 135 in the previous week and 258 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,988 deaths against 10,558 in the previous week and 7,227 in the corresponding week of the past year. The decrease in the number of deaths registered from fevers was greatest in the Ferozepore, Amritsar, Gurdáspur, Gujránwála, Jhelum, Ráwalpindi and Bannu Districts.

*Bowel complaints.*—From bowel complaints 244 deaths against 317 and 248.

*Chest disease.*—Eight hundred and twenty-one against 903 and 635.

*Snake-bite.*—Two against 2 and 0.

*Hydrophobia.*—One against 1 and 2.

*All other causes.*—One thousand eight hundred and seventy-eight against 2,124 in the previous week and 1,803 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand six hundred and fifty-eight deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,367 were males and 1,291 females.

*Births and Deaths in Municipal Towns.*—In the 46 large Municipal towns 991 deaths were registered (565 males and 426 females), giving a death-rate of 41 per mille of population; 972 births were registered (508 males and 464 females), giving a birth-rate of 40 per mille of population. The death-rate remains high in the Municipal town of Jagraon, *viz.*, at the annual rate of 87 per 1,000.

LAHORE :
*The 8th February* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—13-2-90—690.

No. 8 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 20, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 18th FEBRUARY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder sufficient. | Stationary. | Crops suffering for want of rain. | |
| 2 | Delhi ... | ... | ... | Rising. | Crops on baráni lands withering for want of rain. | |
| 3 | Umballa ... | ... | ... | Stationary. | Crops in doubtful condition. | |
| 4 | Jullundur ... | 0·35 | Fodder insufficient. | Slightly rising. | Condition of standing crops average. | |
| 5 | Ferozepore ... | 0·16 in Moga.<br>0·20 in Sadr.<br>0·15 in City. | Fodder sufficient. | Stationary. | Crops retarded for want of rain. | |
| 6 | Amritsar ... | 0·24 average. | Ditto. | Rising. | State of crops average. Locusts appeared in some parts and damaged crops a little. No complaints of canal working. | |
| 7 | Siálkot ... | 0·30 average. | Fodder insufficient. | Do. | Such a little rain is not beneficial to crops. Cattle are being fed on sugarcane. | |
| 8 | Lahore ... | 0·30 at Sadr. | Fodder sufficient. | Stationary. | Sowings of extra rabi going on. Prospects of standing crops on cháhi and nahri lands good. The slight fall of rain has proved beneficial. More rain wanted. | Ploughings commenced. |
| 9 | Mooltan ... | ... | Fodder scarce in Rawa. | Do. | Crops in good condition at present. Rain much needed. | |
| 10 | Ráwalpindi ... | 1·03 at Ráwalpindi.<br>0·37 in Kahuta.<br>0·30 in Gujar Khan.<br>0·70 in Fattahjang. | Fodder sufficient. | Rising. | Crops below average. | |
| 11 | Shahpur ... | Slight rainfall in Tahsils Shahpur and Khusháb. | Ditto. | Do. | Crops drying for want of rain. A swarm of locusts passed through the district without doing any harm. | |
| 12 | D. I. Khan ... | 0·05 | Fodder-supply decreasing. | Stationary. | Condition of crops fair. Rain wanted. Locusts have left the district. | |
| 13 | Pesháwar ... | 0·06 | Fodder sufficient. | Rising. | Prospects of rabi crops average on abi lands. No sowings on báráni lands.<br>Rain greatly required. | |

*GENERAL REMARKS.*

Rain in all districts except Hissar, Delhi, Umballa and Mooltan. Prices are rising in seven districts and stationary in six. Sowings of extra rabi in progress. Ploughings for kharif have commenced in Lahore. Crops are suffering for want of rain in most districts Locusts appeared in Amritsar and Shahpur, but only damaged the crops in former district. Fodder sufficient in all districts, except Jullundur, Siálkot and parts of Mooltan, where it is scarce.

PESTONJI, *Supdt.*,

***Office of Director of Land Records and Agriculture, Punjab.***

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—The gauges in use are indicated thus—
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 26th January 1890.* | | | | | | | | |
| | | | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | | |
| Simla. | Kasauli *s* | 17th Jany. ... | ... | ... | 0·47 | 1·04 | ... | ... | ... | 1·51 | |
| Montgomery. | Montgomery *s* | 24th Septr. ... | ... | 0·33 | 0·09 | ... | ... | ... | ... | 0·42 | |
| Kohat. | Karak ... | 17th Jany. ... | 0·80 | ... | ... | ... | ... | 0·60 | ... | 1·40 | |
| | | | *Week ending 2nd February 1890.* | | | | | | | | |
| | | | Monday 27th. | Tuesday 28th. | Wednesday 29th. | Thursday 30th. | Friday 31st. | Saturday 1st. | Sunday 2nd. | | |
| Simla. | Kilba *s* | 24th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## Weekly Rain Report for the week ending 9th February 1890.

MEMO.—There has been no rainfall of importance. Every return received is blank except the following stations:—

| | | | |
|---|---|---|---|
| Budhláda | ( Hissar District ), on 6th February 1890... | ... ... | 0·16 |
| Hoshiárpur | (Hoshiárpur District), on 8th ditto | ... ... ... | 0·10 |
| Abbott-abad | ( Hazára District ), ditto ditto | ... ... ... | 0·32 |
| Mansáhra | ( Ditto ), ditto ditto | ... ... ... | 0·17 |

Slight rain-fall at Hissar on 6th February 1890 and also at Sadr Station (Hoshiárpur) together with hailstorm on 8th February 1890.

Deputy Commissioner, Mooltan, reports that the rain is wanted for rabi crops especially on canal land.

Deputy Commissioner, Gujrát, reports that the rain is urgently required. The rabi crops are liable to be damaged from want of rain. No green fodder. The dry fodder is getting less in the Gujrát and Khárian Tahsíls.

Deputy Commissioner, Gujránwála, reports that the crops are withering for want of rain. Dry fodder sufficient.

Returns not received from Simla District.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890.

**Explanation :**—(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890 | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| HISSAR. | Sirsa ... | 1·34 | ... | 0·66 | ... | ... | ... | ... | The rain has done but little good and the crops are withering. Fodder is becoming scarce. Health good. |
| | Fatahabad ... | 1·36 | ... | 0·64 | ... | ... | ... | ... | |
| | Barwála ... | 1·39 | ... | 0·65 | 0·18 | 0·18 | ... | 0·18 | |
| | **Hissar** ... | **1·31** | ... | **0·57** | **0·23** | **0·23** | ... | **0·23** | |
| | Hánsi ... | 1·27 | ... | 0·63 | 0·13 | 0·13 | ... | 0·13 | |
| | Bhiwáni ... | 1·34 | ... | 0·66 | 0·13 | 0·13 | ... | 0·13 | |
| | Budhláda ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *c* ... | ... | ... | ... | ... | ... | ... | ... | |
| ROHTAK. | **Rohtak** ... | **1·48** | ... | **0·64** | **0·40** | **0·40** | ... | **0·40** | Canal and well irrigated crops doing well, but those on rain lands all destroyed. Fodder in some of the villages on rain lands almost run out. Health of people good. |
| | Gobána ... | 1·71 | ... | 0·82 | 0·10 | 0·10 | ... | 0·10 | |
| | Sámpla ... | 1·59 | ... | 0·79 | ... | ... | ... | ... | |
| | Jhajjar ... | 1·52 | ... | 0·80 | 0·30 | 0·30 | ... | 0·30 | |
| GURGAON. | Farukhnagar ... | ... | ... | ... | 0·80 | 0·80 | ... | 0·80 | Crops on rain lands are drying up for want of rain. Health of people good. |
| | Játusána ... | ... | ... | ... | 0·10 | 0·10 | .. | 0·10 | |
| | Rewári ... | 1·34 | ... | 0·64 | ... | ... | ... | ... | |
| | Shahjahánpur ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru ... | ... | ... | ... | 0·15 | 0·15 | ... | 0·15 | |
| | Nuh ... | 1·42 | ... | 0·65 | 0·02 | 0·02 | ... | 0·02 | |
| | Fírozpur ... | 0·81 | ... | 0·37 | ... | ... | ... | ... | |
| | Hodal ... | ... | .. | ... | ... | ... | .. | ... | |
| | Hattin ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 1·17 | ... | 0·53 | ... | ... | ... | ... | |
| | Sohna ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Gurgaon** ... | **1·57** | ... | **0·80** | **0·54** | **0·54** | .. | **0·54** | |
| | Punahána ... | ... | ... | ... | ... | ... | ... | ... | |
| DELHI. | Ballabgarh ... | 1·43 | ... | 0·62 | 0·85 | 0·85 | ... | 0·85 | The slight rain during the month has not improved the rabi prospects in the least. Crops on baráni lands are almost withered. Health of the people fair. Canal and well irrigation is much resorted to wherever available owing to the unseasonable drought. |
| | Mahrauli ... | ... | ... | ... | 0·35 | 0·35 | ... | 0·35 | |
| | **Sadr (Delhi)** ... | **1·71** | ... | **0·79** | **0·35** | **0·35** | ... | **0·35** | |
| | Sonepat ... | 1·93 | ... | 1·04 | 0·36 | 0·36 | ... | 0·36 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890.—(continued).

**Explanation** :—(*c*) Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 2·43 | ... | 1·04 | 0·20 | 0·20 | ... | 0·20 | There is no improvement in the Rabi prospects as the showers which fell were quite inadequate. Fodder is very short. |
| | **Karnal** ... | **2·10** | ... | **1·19** | **0·69** | **0·69** | ... | **0·69** | |
| | Rajaund ... | ... | ... | ... | 0·20 | 0·20 | ... | 0·20 | |
| | Kaithal ... | 1·07 | ... | 0·60 | 0·40 | 0·40 | ... | 0 40 | |
| | Gula ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli ... | 2·30 | ... | 0·95 | 0·15 | 0·15 | ... | 0·15 | Rabi crops in doubtful condition for want of rain. Health of people good. |
| | Jagádhri ... | 3·13 | ... | 1·36 | 0 06 | 0·06 | ... | 0·06 | |
| | **Umballa** ... | **2 80** | ... | **1·33** | **0 05** | **0·05** | ... | **0·05** | |
| | Naráingarh ... | 3·44 | ... | 1·35 | 0·20 | 0·20 | ... | 0·20 | |
| | Kharar ... | 3·06 | ... | 1·21 | 0·28 | 0·28 | ... | 0·28 | |
| | Rúpar ... | 2·93 | ... | 1·12 | 0·40 | 0·40 | ... | 0·40 | |
| | Kotra (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli ... | 5·28 | ... | 2·20 | 1·91 | 1·91 | ... | 1·91 | Condition of crop better in Kot Khái. Crops are still suffering for want of rain in other parts of the district. Health of people good. |
| | Bargul ... | 3·69 | ... | 1·63 | 1·80 | 1·80 | ... | 1·80 | |
| | **Simla** ... | **5·21** | ... | **2·52** | **1·49** | **1·49** | ... | **1·49** | |
| | Kot Khái ... | 4·44 | ... | 1·93 | 1·40 | 1·40 | ... | 1·40 | |
| | Kotgarh ... | 4·74 | ... | 2·14 | 1·40 | 1·40 | ... | 1·40 | |
| | Kilba ... | ... | ... | ... | 0·94 | 0·94 | ... | 0·94 | |
| Kangra. | Plách ... | 4·40 | ... | 2·18 | 1·60 | 1·60 | ... | 1 60 | Except in Tahsíl Núrpur there has been a good fall of rain and the sowings on lands unirrigated have been completed. The crops on irrigated lands are good. Health of people good. |
| | Kulu ... | 4·54 | ... | 2·27 | 1·70 | 1·80 | ... | 1·80 | |
| | Nagar ... | 13·07 | ... | 8·95 | 2·10 | 2·10 | ... | 2·10 | |
| | Pálampur ... | 7·18 | ... | 3·66 | 3·10 | 3·10 | ... | 3·10 | |
| | Hamírpur ... | 3·95 | ... | 1·96 | 3·10 | 3·10 | ... | 3·10 | |
| | Dera ... | 4·63 | ... | 2·29 | 1·40 | 1·40 | ... | 1·40 | |
| | Kángra ... | 4·81 | ... | 2·38 | 1·80 | 1·80 | ... | 1·80 | |
| | **Dharmsala** ... | **8·23** | ... | **4·09** | **3 40** | **3 50** | ... | **3·50** | |
| | Núrpur ... | 6·10 | ... | 3·10 | 1·60 | 1·60 | ... | 1 60 | |
| Hoshiarpur. | Dasúya ... | 3·38 | ... | 1·61 | 0·60 | 0·60 | ... | 0·60 | Some rain has fallen during the month, but, except in Tahsíl Una, the amount has been inadequate and more is much required for the standing crops, especially on dry Kandi lands. The health of the people is good. |
| | Una ... | 3·52 | ... | 1·58 | 1·21 | 1·21 | ... | 1·21 | |
| | Garhshankar ... | 3·29 | ... | 1·37 | 0·68 | 0·68 | ... | 0·68 | |
| | **Sadr Station** ... | **3 05** | ... | **1·49** | **0·60** | **0·60** | ... | **0·60** | |
| | Hoshiárpur ... | 3·05 | ... | 1·40 | 0·67 | 0·67 | ... | 0·67 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890—(continued).

**Explanation** :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | **2·42** | ... | **1·30** | **0·31** | **0·31** | ... | **0·31** | Condition of standing crops average. Health of people good. |
| | Nakodar ... | 2·46 | ... | 1·29 | 0·30 | 0·30 | ... | 0·30 | |
| | Phillour ... | 2·79 | ... | 1·40 | 0·14 | 0·14 | ... | 0·14 | |
| | Nawashahr ... | 2·93 | ... | 1·45 | 0·59 | 0·59 | ... | 0·59 | |
| Ludhiana. | Samrála ... | 3·44 | ... | 1·02 | 0·32 | 0·32 | ... | 0·32 | Rain much wanted. Prospects of the rabi crop look bad for want of rain. Health of people good. |
| | **Ludhiana** ... | **3·34** | ... | **1·21** | **0·23** | **0·23** | ... | **0·23** | |
| | Jagraon ... | 2·47 | ... | 0·78 | 0·03 | 0·03 | ... | 0·03 | |
| Ferozepore. | Moga ... | 2·31 | ... | 1·17 | ... | ... | ... | ... | There was very slight rain during the month. Not sufficient permanently to benefit the young rabi crop, which is now suffering from want of rain on the unirrigated lands. On the irrigated lands the crop prospects are good. Frost during the month is reported to have caused some slight damage to the rape seed and gram crops. The health of the people is good. Much benefit is derived from the Sirhind Canals. There was sufficient water in them. |
| | Zíra ... | 2·58 | ... | 1·30 | 0·19 | 0·19 | ... | 0·19 | |
| | **Ferozepore** ... | **2·23** | ... | **1·07** | **0·31** | **0·31** | ... | **0·31** | |
| | Ferozepore City ... | 2·23 | ... | 1·07 | 0·43 | 0·43 | ... | 0·43 | |
| | Muktsar ... | 1·27 | ... | 0·59 | ... | ... | ... | ... | |
| | Fázilka ... | 1·27 | ... | 0·53 | ... | ... | ... | ... | |
| | Nathána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 0·43 | ... | 0·15 | ... | ... | ... | ... | Condition of crops good, but rain is much needed. Health of people good. |
| | Lodhrán ... | 0·61 | ... | 0·21 | ... | ... | ... | ... | |
| | Shujabad ... | 0·76 | ... | 0·30 | ... | ... | ... | ... | |
| | **Mooltan** ... | **0·74** | ... | **0·31** | ... | ... | ... | ... | |
| | Kabírwála ... | 0·70 | ... | 0·27 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| JHANG. | Shorkot ... | 0·95 | ... | 0·39 | 0·12 | 0·12 | ... | 0·12 | Rabi sowings finished. Prospects good. Health of people good. |
| | **Jhang** ... | **0·99** | ... | **0·39** | **0·07** | **0·07** | ... | **0·07** | |
| | Chiniot ... | 1·22 | ... | 0·46 | 0·18 | 0·18 | ... | 0·18 | |
| MONTGOMERY. | Gugera ... | 0·72 | ... | 0·34 | 0·20 | 0·20 | ... | 0·20 | The showers which fell during the month have done much good. Crops and the health of people are good. Several flights of locusts have passed, but done no damage. |
| | **Montgomery** ... | **0·98** | ... | **0·47** | **0·42** | **0·42** | ... | **0·42** | |
| | Pákpattan ... | 0·71 | ... | 0·33 | ... | ... | ... | ... | |
| | Dipálpur ... | 0·72 | ... | 0·34 | 0·25 | 0·25 | ... | 0·25 | |
| LAHORE. | Van (*c*) ... | 1·16 | ... | 0·42 | 0·72 | 0·72 | ... | 0·72 | On 17th and 18th of this month there was a slight drizzle and on the 22nd a gentle rain. Sailaba and irrigated crops benefited slightly, but the baráni crops were hardly affected. Rain is urgently required. Single barani crops as had been sown have mostly dried up for want of rain. The health of people is good. |
| | Chunián ... | 1·47 | ... | 0·40 | 0·80 | 0·80 | ... | 0·80 | |
| | Kasúr ... | 1·45 | ... | 0·43 | 0·91 | 0·91 | ... | 0·91 | |
| | Pambe (*c*) ... | 1·29 | ... | 0·43 | 0·16 | 0·16 | .. | 0·16 | |
| | Sharakpur ... | 1·20 | ... | 0·37 | 0·30 | 0·30 | ... | 0·30 | |
| | Niáz Beg (*c*) ... | 1·82 | ... | 0·66 | 0·40 | 0·40 | ... | 0·40 | |
| | **Lahore** ... | **1·77** | ... | **0·61** | **0·22** | **0·22** | ... | **0·22** | |
| | Meean Meer (*c*) ... | 2·22 | ... | 0·73 | 0·24 | 0·24 | ... | 0·24 | |
| | Manihála (*c*) ... | 1·80 | ... | 0·79 | 0·50 | 0·50 | ... | 0·50 | |
| | Dafthu (*c*) ... | ... | ... | ... | 0·24 | 0·24 | ... | 0·24 | |
| AMRITSAR. | Buchar (*c*) ... | 1·56 | ... | 0·71 | 0·30 | 0·30 | ... | 0·30 | Rain urgently wanted. The crops generally still in average condition though backward in some parts of the district. The unirrigated crops beginning to suffer. Health of people good. No actual complaints of canal working, though the supply has been undoubtedly short owing to excessive demand. |
| | Khara (*c*) ... | 1·13 | ... | 0·52 | 0·42 | 0·42 | ... | 0·42 | |
| | Tarn Táran ... | 2·13 | ... | 0·91 | 0·43 | 0·43 | ... | 0·43 | |
| | Raya (*c*) ... | 2·08 | ... | 1·07 | 0·44 | 0·44 | ... | 0·44 | |
| | Jandiála (*c*) ... | 2·26 | ... | 1·00 | 0·39 | 0·39 | ... | 0·39 | |
| | Jail Hospital ... | 2·46 | ... | 1·03 | 0·21 | 0·21 | ... | 0·21 | |
| | **Amritsar Tahsil** ... | **2·46** | ... | **1·03** | **0·29** | **0·29** | ... | **0·29** | |
| | Amritsar (*c*) ... | ... | ... | ... | 0·25 | 0·25 | ... | 0·25 | |
| | Buggeh (*c*) ... | 1·68 | ... | 0·79 | 0·10 | 0·10 | ... | 0·10 | |
| | Ajnála ... | 1·90 | ... | 0·78 | 0·11 | 0·11 | ... | 0·11 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890 - (continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (*c*) ... | 3·00 | ... | 1·57 | 0 09 | 0·09 | ... | 0·09 | Owing to the want of rain the crops are not in good condition. Health of people good. Rain wanted. |
| | Batála ... | 3·04 | ... | 1·44 | 0·13 | 0·13 | ... | 0·13 | |
| | Kaler (*c*) ... | 3·75 | ... | 1·77 | ... | ... | ... | ... | |
| | Tibri (*c*) ... | 3·68 | ... | 1·72 | ... | ... | ... | ... | |
| | **Gurdaspur** ... | **3·23** | ... | **1·49** | **0·31** | **0·22** | ... | **0.32** | |
| | Bhimpur (*c*) ... | 5·07 | ... | 2·48 | 0 30 | 0·40 | ... | 0·40 | |
| | Pathánkot ... | 4·34 | ... | 2·00 | 0·70 | 0·73 | ... | 0·73 | |
| | Dalhousie ... | 5·54 | ... | 2·24 | 1·60 | 2 40 | ... | 2·40 | |
| | Mádhopur (*c*) ... | 5·13 | ... | 2·49 | 0·35 | 0·43 | ... | 0·43 | |
| | Shakargarh ... | 4·26 | ... | 1·94 | 0·17 | 0·17 | ... | 0·17 | |
| SIALKOT. | Zafarwál ... | 3·14 | ... | 1·24 | 0·26 | 0·26 | ... | 0·26 | Rabi crops are suffering as there has been very little rain. Prices rising. Dry fodder sufficient. |
| | Pasrúr ... | 2·70 | ... | 1·05 | 0 30 | 0·30 | ... | 0·30 | |
| | Raya ... | 1·55 | ... | 0·46 | ... | ... | ... | ... | |
| | Daska ... | 2·50 | .. | 0·96 | 0 20 | 0·20 | ... | 0·20 | |
| | **Sialkot** ... | **3·02** | ... | **1·20** | **1·11** | **1·11** | ... | **1·11** | |
| GUJRAT. | **Sadr** ... | **3.24** | ... | **1·69** | **0·23** | **0·23** | ... | **0·23** | Very little rain during the month and not sufficient for the rabi crop, which has begun to suffer from the long drought. Health of people good. Fodder sufficient. |
| | Gujrát ... | 3·24 | ... | 1·69 | 0·25 | 0·25 | ... | 0·25 | |
| | Khárián ... | 3·60 | ... | 1·83 | 0·60 | 0·60 | ... | 0·60 | |
| | Fhália ... | 2·40 | ... | 1·29 | 0·23 | 0·23 | ... | 0·23 | |
| GUJRANWALA. | Rámnagar ... | 1·69 | ... | 1·00 | ... | ... | ... | ... | Slight rain in the Wazirabad Tahsíl and around the Sadr station but not enough to help on the crops which are suffering all over the district from the prolonged drought. The crops on well land are in average condition and the wells are being worked night and day, but owing to scarcity of fodder and the strain of work the well oxen in Gujranwála and Wazirabad are getting into bad condition. The crops on baráni and sailaba land have suffered much from the severe frosts in the latter week of the month which has withered them up, and if rain holds off a great proportion of these crops must inevitably fail. Prices show a tendency to rise, especially gram. |
| | Wazirabad ... | 2·69 | ... | 1·06 | 0·20 | 0·20 | ... | 0·20 | |
| | **Sadr Kacheri** ... | **2·54** | ... | **1·07** | **1·20** | **1·20** | ... | **1·20** | |
| | Shekhupura ... | 1·22 | ... | 0·52 | ... | ... | ... | ... | |
| | Háfizabad ... | 1·92 | ... | 0·77 | ... | ... | ... | ... | |
| | Meluana (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot (*c*) ... | ... | ... | ... | 0·30 | 0·30 | ... | 0·30 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 2·93 | ... | 2·50 | ... | ... | ... | ... | There has as yet been very little rain and the rabi crops are now beginning to suffer. Prices are rising. Health of people good. Fodder plentiful. |
| | Sahiwál ... | 1·49 | ... | 0·75 | 0·10 | 0·10 | ... | 0·10 | |
| | Núrpur ... | 0·53 | ... | 0·30 | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 1·20 | ... | 0·62 | ... | ... | ... | ... | |
| | Sakesar ... | 0·93 | ... | 0·51 | ... | ... | ... | ... | |
| | Naushahra ... | 1·95 | ... | 1·15 | 0·50 | 0·50 | ... | 0·50 | |
| | Khusháb ... | 1·16 | ... | 0·55 | 0·32 | 0·32 | ... | 0·32 | |
| | **Shahpur** ... | **1·60** | ... | **0·78** | **0·12** | **0·12** | ... | **0·12** | |
| | Bhera ... | 1·73 | ... | 0·93 | 0·15 | 0·15 | ... | 0·15 | |
| | Miáni ... | 3·08 | ... | 1·95 | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan ... | 2·21 | ... | 1·06 | 0·05 | 0·05 | ... | 0·05 | There was very little rain during the month under report and the crops are suffering from want of rain. Some flights of locusts seen passing Jhelum. Health of people good. No inundation in the river. |
| | **Sadr Station** ... | **3·16** | ... | **1·46** | **0·28** | **0·28** | ... | **0·28** | |
| | Chakwál ... | 2·24 | ... | 1·10 | 0·40 | 0·40 | ... | 0·40 | |
| | Talagang ... | 2·39 | ... | 1·13 | 0·34 | 0·34 | ... | 0·34 | |
| Rawalpindi. | Pindigheb ... | 2·79 | ... | 1·23 | 0·40 | 0·40 | ... | 0·40 | Condition of crops below average in all tahsíls except Kahúta and Murree, where it is said to be an average one. Locusts in Ráwalpindi, Kahúta and Murree Tahsíls. |
| | Fatahjang ... | 6·00 | ... | 4·50 | 0·80 | 0·80 | ... | 0·80 | |
| | Attock ... | 4·30 | ... | 3·60 | 0·80 | 0·80 | ... | 0·80 | |
| | **Rawalpindi** ... | **4·71** | ... | **2·16** | **0·75** | **0·75** | ... | **0·75** | |
| | Gujar Khan ... | 6·57 | ... | 4·30 | 1·96 | 1·96 | ... | 1·96 | |
| | Kahúta ... | 7·09 | ... | 4·20 | 0·90 | 0·90 | ... | 0·90 | |
| | Murree ... | 6·53 | ... | 1·33 | 0·90 | 1·50 | ... | 1·50 | |
| Hazara. | **Abbott-abad** ... | **7·19** | ... | **2·95** | **1·81** | **2·91** | ... | **2·91** | Rabi standing crop average. Rain much wanted. Prices stationary. |
| | Mansáhra ... | 6·09 | ... | 2·70 | 1·79 | 3·29 | ... | 3·29 | |
| | Haripur ... | 5·30 | ... | 2·46 | 1·00 | 1·20 | ... | 1·20 | |

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 3·70 | ... | 2·02 | 3·63 | 3·63 | ... | 3·63 | Condition of rabi crops fair. After the last rain unirrigated lands of the Naushahra Tahsíl were sown to a certain extent. If it does not rain in February the crops on the baráni lands will suffer greatly throughout. Health fair. There is scarcity of fodder in the hilly tracts of the Naushahra Tahsíl. |
| | Lahore (Utmán Bolak) | 4·38 | ... | 2 36 | 0·50 | 0·50 | ... | 0·50 | |
| | Naushahra ... | 3·90 | ... | 1·92 | 1·77 | 1·77 | ... | 1·77 | |
| | Mardán ... | 4·91 | ... | 2·42 | 0·90 | 0 90 | ... | 0·90 | |
| | Katlang ... | 4·12 | ... | 2·06 | 0·20 | 0·30 | ... | 0·30 | |
| | Hashtnagar ... | 3·16 | ... | 1·48 | 0 20 | 0·20 | ... | 0 20 | |
| | Doáb Daudzai ... | 3·61 | ... | 1·85 | 0 50 | 0·50 | ... | 0 50 | |
| | **Peshawar** ... | **2 91** | ... | **1·44** | **0 53** | **0·53** | ... | **0·53** | |
| Kohat | **Kohat** ... | **3 31** | ... | **1·31** | **0 78** | **0 78** | ... | **0 78** | There has been a fair amount of rain during the month under report which did much good to the standing crops. The prospects of crops on irrigated lands are good and of those on unirrigated lands average. These rains have also enabled the zamíndárs in a few baráni villages to sow fresh lands. More rain is urgently required, especially for unirrigated tracts. Water in Toi has increased. Health of the people is good. |
| | Hangu ... | ... | ... | ... | 0·90 | 0·90 | ... | 0·90 | |
| | Thal ... | ... | ... | ... | 1·15 | 1·15 | ... | 1·15 | |
| | Karak ... | ... | ... | ... | 1·80 | 1·80 | ... | 1·80 | |
| Bannu. | Miánwáli ... | 1·18 | ... | 0 54 | 0·30 | 0·30 | ... | 0·30 | The rainfall during the month was useful to the rabi harvest. More rain is wanted. Price of wheat is rising. Canals working well. |
| | Isa Khel ... | 1·35 | ... | 0·57 | 1·40 | 1·40 | ... | 1·40 | |
| | **Bannu** ... | **1·53** | ... | **0 72** | **1·00** | **1·00** | ... | **1·00** | |
| | Marwat ... | 1·81 | ... | 0·86 | 1·00 | 1·00 | ... | 1·00 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st January | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st January 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 0·75 | ... | 0·65 | 0·87 | 0·87 | ... | 0·87 | Condition of crops good. Rain still wanted. Health of people fair. Fodder supply average. Crops slightly damaged by locusts in parts of Tahsíls Dera, Kuláchi and Tánk. |
| | Kuláchi ... | 0·89 | ... | 0·36 | 0·60 | 0·60 | ... | 0·60 | |
| | Dera I. Khan ... | 1·97 | ... | 0·37 | 0·33 | 0·33 | ... | 0·33 | |
| | Bhakkar ... | 1·77 | ... | 0·40 | 0·15 | 0·15 | ... | 0·15 | |
| | Leiah ... | 0·64 | ... | 0·26 | ... | ... | ... | ... | |
| D. G. Khan. | Sangarh ... | 0·67 | ... | 0·34 | ... | ... | ... | ... | Prospects of rabi crop average. Rain much needed. Health of people good. No floods from hill torrents. Canals do not work during winter. |
| | Dera G. Khan ... | 0·80 | ... | 0·32 | ... | ... | ... | ... | |
| | Fort Munro ... | 0·37 | ... | 0·20 | ... | ... | ... | ... | |
| | Jámpur ... | 1·18 | ... | 0·22 | ... | ... | ... | ... | |
| | Rájanpur ... | 1·40 | ... | 0·57 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 1·17 | ... | 0·43 | ... | ... | ... | ... | Condition of crops average quality. Health of people good. Slight fever. Sinánwán and Thal part of Muzaffargarh visited by locusts but no injury done to the crops. Country peas slightly suffered in Alipur Tahsíl from severe cold. Rain much needed. Canal clearance in hand. |
| | Muzaffargarh ... | 0·69 | ... | 0·25 | ... | ... | ... | ... | |
| | Sinánwán ... | 0·62 | ... | 0·28 | 0·30 | 0·30 | ... | 0·30 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 25th JANUARY 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 7 | 4 | 11 | 11 | 6 | 5 | ... | ... | 4 | ... | ... | 7 | 2 | 1 | 3 | 40 | 40 |
| 2 | | Hansi ... | 12,656 | 6 | 7 | 13 | 28 | 20 | 8 | ... | 1 | 20 | ... | ... | 7 | 3 | 2 | 5 | 54 | 115 |
| 3 | | Bhiwani ... | 33,762 | 9 | 4 | 13 | 32 | 18 | 14 | ... | 1 | 10 | 3 | ... | 18 | 4 | 3 | 7 | 20 | 49 |
| 4 | | Sirsa ... | 12,292 | 6 | 7 | 13 | 7 | 5 | 2 | ... | ... | 3 | ... | ... | 4 | 2 | ... | 2 | 55 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 8 | 5 | 13 | 9 | 5 | 4 | ... | ... | 4 | ... | ... | 5 | ... | 2 | 2 | 43 | 30 |
| 6 | | Jhajjar ... | 11,650 | 4 | 5 | 9 | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 40 | 4 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 13 | 11 | 24 | 18 | 9 | 9 | ... | 9 | 3 | ... | ... | 6 | 4 | 2 | 6 | 51 | 38 |
| 8 | | Palwal ... | 10,635 | 6 | 6 | 12 | 13 | 9 | 4 | ... | ... | 6 | 1 | ... | 6 | 3 | 2 | 5 | 59 | 64 |
| 9 | Delhi ... | Delhi ... | 117,363 | 47 | 42 | 89 | 91 | 44 | 47 | ... | ... | 59 | ... | 2 | 30 | 6 | 6 | 12 | 40 | 40 |
| 10 | | " Suburbs ... | 52,882 | 16 | 10 | 26 | 34 | 17 | 17 | ... | ... | 26 | 1 | 1 | 6 | 1 | 3 | 4 | 26 | 34 |
| 11 | | Sonepat ... | 13,077 | 7 | 5 | 12 | 7 | 4 | 3 | ... | ... | 3 | ... | ... | 4 | 2 | ... | 2 | 48 | 28 |
| 12 | Karnal ... | Karnal ... | 23,133 | 10 | 5 | 15 | 19 | 9 | 10 | ... | ... | 10 | 3 | ... | 6 | 2 | ... | 2 | 34 | 43 |
| 13 | | Kaithal ... | 14,754 | 6 | 6 | 12 | 7 | 4 | 3 | ... | ... | 4 | 1 | ... | 2 | 1 | 1 | 2 | 42 | 25 |
| 14 | | Panipat ... | 26,572 | 3 | 10 | 13 | 11 | 3 | 8 | ... | ... | 6 | ... | ... | 5 | ... | 1 | 1 | 26 | 22 |
| 15 | Umballa ... | Umballa ... | 26,777 | 8 | 5 | 13 | 12 | 6 | 6 | ... | ... | 6 | 2 | ... | 4 | 1 | 2 | 3 | 25 | 23 |
| 16 | | Jagadhri ... | 12,300 | 1 | 4 | 5 | 3 | 3 | ... | ... | ... | ... | 1 | ... | 2 | ... | ... | ... | 21 | 13 |
| 17 | | Shahabad ... | 10,218 | ... | 1 | 1 | 3 | 1 | 2 | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | 5 | 15 |
| 18 | | Sadhaura ... | 10,794 | 2 | 5 | 7 | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 1 | 34 | 10 |
| 19 | | Rupar ... | 10,326 | 4 | 4 | 8 | 9 | 4 | 5 | ... | ... | 2 | ... | ... | 7 | ... | 2 | 2 | 40 | 45 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 4 | 7 | 11 | 4 | 2 | 2 | ... | ... | 1 | ... | ... | 3 | 1 | ... | 1 | 43 | 16 |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 7 | 13 | 10 | 4 | 6 | ... | ... | 7 | ... | ... | 3 | ... | ... | ... | 66 | 51 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 13 | 20 | 33 | 21 | 13 | 8 | ... | ... | 11 | .. | ... | 10 | 5 | 4 | 9 | 55 | 35 |
| 23 | | " Suburbs ... | 11,474 | 12 | 9 | 21 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | ... | ... | ... | 95 | 27 |
| 24 | | Rahon ... | 11,763 | 4 | 3 | 7 | 4 | 2 | 2 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 31 | 18 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 25 | 21 | 46 | 29 | 13 | 16 | ... | ... | 13 | 1 | ... | 15 | 4 | 2 | 6 | 54 | 34 |
| 26 | | Jagraon ... | 16,873 | 8 | 10 | 18 | 17 | 7 | 10 | ... | ... | 4 | ... | ... | 13 | 2 | 2 | 4 | 56 | 53 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 9 | 7 | 16 | 19 | 16 | 3 | ... | 1 | 11 | ... | ... | 7 | 1 | 1 | 2 | 40 | 47 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 13 | 25 | 38 | 22 | 12 | 10 | ... | ... | 1 | ... | ... | 21 | 4 | 6 | 10 | 62 | 36 |
| 29 | | " Suburbs ... | 25,593 | 8 | 12 | 20 | 29 | 18 | 11 | ... | ... | 10 | 4 | ... | 15 | 5 | 5 | 10 | 41 | 59 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 2 | 7 | 7 | 3 | 4 | ... | ... | 2 | ... | ... | 5 | 2 | 1 | 3 | 29 | 29 |
| 31 | | Chiniot ... | 10,731 | 12 | 4 | 16 | 8 | 2 | 6 | ... | ... | 4 | ... | 1 | 3 | ... | 3 | 3 | 78 | 39 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births: Males. | Births: Females. | Births: Total. | Deaths: Total. | Deaths: Males. | Deaths: Females. | Cause of Death: Cholera. | Cause of Death: Small-pox. | Cause of Death: Fever. | Cause of Death: Bowel complaints. | Cause of Death: Injuries. | Cause of Death: All other causes. | Infants under one year of age: Males. | Infants under one year of age: Females. | Infants under one year of age: Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 38 | 49 | 87 | 113 | 60 | 53 | ... | ... | 58 | 4 | 1 | 50 | 12 | 9 | 21 | 47 | 61 |
| 33 | | " Suburbs ... | 41,670 | 5 | 6 | 11 | 32 | 21 | 11 | ... | ... | 17 | 3 | ... | 12 | ... | 1 | 1 | 14 | 40 |
| 34 | | Kasur ... | 17,336 | 6 | 3 | 9 | 10 | 7 | 3 | ... | ... | 5 | 1 | ... | 4 | 1 | 2 | 3 | 27 | 30 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 57 | 57 | 114 | 117 | 67 | 50 | ... | ... | 59 | 4 | 1 | 53 | 19 | 14 | 33 | 41 | 42 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 11 | 6 | 17 | 22 | 12 | 10 | ... | ... | 16 | ... | ... | 6 | 3 | 2 | 5 | 37 | 47 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 23 | 16 | 39 | 30 | 17 | 13 | ... | 5 | 9 | ... | ... | 16 | 7 | 1 | 8 | 60 | 46 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 9 | 3 | 12 | 12 | 6 | 6 | ... | ... | 6 | ... | ... | 6 | 1 | ... | 1 | 33 | 33 |
| 39 | | Jalalpur ... | 12,839 | 3 | 7 | 10 | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | 41 | 12 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 6 | 9 | 15 | 13 | 5 | 8 | ... | 1 | 6 | 1 | ... | 5 | 2 | 4 | 6 | 34 | 30 |
| 41 | | Wazirabad ... | 16,462 | 7 | 6 | 13 | 7 | 4 | 3 | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 41 | 22 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 2 | 7 | 9 | 9 | 4 | 5 | ... | ... | 4 | ... | ... | 5 | 1 | 2 | 3 | 31 | 31 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 1 | 4 | 8 | 6 | 2 | ... | ... | 6 | ... | ... | 2 | 3 | 1 | 4 | 13 | 25 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 6 | 12 | 18 | 10 | 8 | ... | ... | 10 | 2 | ... | 6 | 3 | 2 | 5 | 37 | 56 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 5 | 7 | 12 | 35 | 22 | 13 | ... | 2 | 16 | 2 | ... | 15 | 1 | 3 | 4 | 23 | 66 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 17 | 38 | 51 | 25 | 26 | ... | 8 | 31 | 2 | ... | 10 | 9 | 5 | 14 | 33 | 45 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 3 | 8 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | ... | 1 | 1 | 31 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 4 | 9 | 13 | 9 | 4 | 5 | ... | ... | 5 | 1 | ... | 3 | ... | ... | ... | 36 | 25 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 6 | 5 | 11 | 6 | 3 | 3 | ... | ... | 5 | ... | ... | 1 | 1 | ... | 1 | 29 | 16 |
| Birth and death rate of London for the week ending 4th January 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 34·9 | 28·0 |
| | | Grand Total ... | 1,311,330 | 499 | 490 | 989 | 995 | 541 | 454 | ... | 29 | 503 | 38 | 6 | 419 | 118 | 99 | 217 | 39 | 40 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | | |
| Simla ... | | ... ... ... | 12,305 | 2 | ... | 2 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | 1 | 1 | 2 | 8 | 17 |
| Dharmsala ... | | ... ... ... | 3,839 | ... | ... | ... | 3 | 1 | 2 | ... | ... | ... | ... | ... | 3 | ... | 2 | 2 | ... | 41 |
| Dalhousie ... | | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree... ... | | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The* 15*th February* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 25th January 1890.*

*General Results.*—The return is incomplete, the registers for the districts of Bannu and Muzaffargarh not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 12,935 against 12,140 in the previous week and 10,255 in the corresponding week of the past year, giving respectively an annual death-rate of 37·1, 34·8 and 29·4 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 144 deaths were registered against 143 in the previous week and 269 in the corresponding week of the past year.

*Fevers.*—From fevers there were 9,436 deaths against 8,906 in the previous week and 6,999 in the corresponding week of the past year. The registered mortality from fevers is greater than it was last week, the increase occurred principally in the districts of Gurdáspur, Pesháwar and Dera Ismail Khan.

*Bowel complaints.*—From bowel complaints 283 deaths against 247 and 264.

*Chest disease.*—Nine hundred and fifty-three against 888 and 772.

*Snake-bite.*—Two against 2 and 1.

*Hydrophobia.*—0 against 2 and 4.

*All other causes.*—Two thousand one hundred and seventeen against 1,952 in the previous week and 1,946 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand nine hundred and six deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,522 were males and 1,384 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 995 deaths were registered (541 males and 454 females), giving a death-rate of 40 per mille of population; 989 births were registered (499 males and 490 females), giving a birth-rate of 39 per mille of population. The registered death-rate in the town of Hánsi was very high being at the annual rate of 115 per 1,000.

LAHORE:
*The* 15*th February* 1890.

A. STEPHEN, *Surgeon-Major*,
*Sanitary Commissioner, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during January 1890. — *Depth in Canal at regulating gauge.* — Full supply. | Actual throughout. | *Gross consumption, cubic feet per second.* — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| PERENNIAL CANALS. | | | | |
| SWAT RIVER CANAL ... ... ... ... | 6·0 | 4·5 | 720 | 460 |
| Total Swat River Canal ... ... | ... | ... | 720 | 460 |
| Corresponding period of last year ... | ... | ... | 720 | 409 |
| WESTERN JUMNA CANAL. | | | | |
| Main Line Rájbahás ... ... ... ... ... | ... | | | 213 |
| Hánsi Branch ... ... ... ... ... ... | 7·0 | | | 811 |
| Delhi Branch ... ... ... ... ... ... | 7·0 | 5·3 | 2,557 | 724 |
| Passed through Escapes ... ... ... ... ... | ... | | | 378 |
| Loss by absorption ... ... ... ... ... | ... | | | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 2,126 |
| Corresponding period of last year ... | ... | ... | 2,557 | 2,084 |
| BARI DOAB CANAL. | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 3·30 | | 431 |
| 2nd " Main Branch Lower ... ... ... ... | 4·6 | 3·36 | 3,074 | 762 |
| " " Lahore Branch ... ... ... ... | 3·0 | 2·83 | | 216 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 1,409 |
| Corresponding period of last year ... | ... | ... | 3,074 | 1,743 |
| SIRHIND CANAL. | | | | |
| Main Line ... ... ... ... ... ... | 5·92 | 6·72 | 3,000 | 3,693 |
| Abohar Branch ... ... ... ... ... | 4·12 | 4·88 | 1,020 | 1,225 |
| Bhatinda Branch ... ... ... ... ... | 4·84 | 5·38 | 900 | 1,086 |
| Feeders ... ... ... ... ... ... | 5·29 | 5·82 | 1,080 | 1,244 |
| British Escapes ... ... ... ... ... | ... | ... | ... | 138 |
| Total Sirhind Canal ... ... | ... | ... | 3,000 | 3,693 |
| Corresponding period of last year ... | ... | ... | 3,000 | 3,686 |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... ... | 6 | ... | 1,072 | ... |
| Corresponding period of last year ... | 6 | ... | 1,072 | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1889-90 *up to* 31*st January* 1890.

| Land irrigated (approximate). | | Rainfall. | | | Chief crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| | | | | | Wheat ... | 12,909 | The area shown is that finally measured. The work of measurement has been delayed by Patwárís being taken from their beats to investigate tanazzas of past Kharif. The demand has been good, and there has been a large area irrigated, although not so much as in the previous year. |
| | | | | | Barley ... | 4,269 | |
| | | | | | Mixed-grain | 3,085 | |
| Peshâwar ... | 20,501 | 9 | 2·40 | 0·75 | Miscellaneous | 238 | |
| ... | 20,501 | ... | ... | ... | ... | 20,501 | |
| ... | 50,633 | ... | ... | ... | ... | 50,633 | |
| Umballa ... | 831 | | 1·40 | ... | Wheat ... | 129,195 | The discharge of river Jumna below Hathni Kund was 3,991 cubic feet on 1st January 1890, which gradually fell to 3,452 cubic feet on 1st February 1890. The supply in the river was deficient. The increase in irrigation of 86,709 acres over that of the corresponding period of past year is due to the want of rain. |
| Karnál ... | 52,483 | | 1·13 | 0·69 | Barley ... | 1,379 | |
| Rohtak ... | 47,807 | 20 | 0·54 | 0·40 | Mixed-grain | 17,605 | |
| Delhi ... | 35,945 | | 1·04 | 0·35 | Others ... | 29,019 | |
| Hissar ... | 39,476 | | 0·67 | 0·18 | | | |
| Bíkaner ... | 240 | ... | ... | ... | | | |
| Kalsia ... | 416 | ... | ... | ... | | | |
| ... | 177,198 | ... | ... | ... | ... | 177,198 | |
| ... | 90,489 | ... | ... | ... | ... | 90,489 | |
| Gurdáspur ... | 8,739 | 11 | 1·88 | ... | Wheat ... | 155,925 | The Bári Doáb Canal ran during the whole month. The river was abnormally low and the supply unprecedentedly short. There was practically no rain, and the demand was intense. There is an increase in area of 20,804 acres over that of last year, and of 8,991 acres over that of 1885-86, hitherto the best on record. The present is a most exceptional year, and every nerve is being strained to save the crops. |
| Amritsar ... | 107,130 | 8 | 1·56 | 0·25 | Barley ... | 2,156 | |
| Lahore ... | 179,443 | 8 | 1·27 | 0·24 | Mixed-grain | 7,556 | |
| | | | | | Miscellaneous | 129,675 | |
| ... | 295,312 | ... | ... | ... | ... | 295,312 | |
| .. | 274,508 | ... | ... | ... | ... | 274,508 | |
| Ludhiána ... | 44,196 | | 1·55 | ... | Wheat ... | 187,943 | The discharge of the Sutlej at Rúpar was 3,998 cubic feet on 1st January 1890, falling gradually to 3,404 cubic feet on 1st February. There was an increase of 62,136 acres as compared with January 1889. |
| Ferozepore ... | 219,815 | 8 | 1·16 | 0·37 | Barley ... | 5,604 | |
| Hissar ... | 2,305 | | 0·67 | 0·18 | Mixed-grain | 2,862 | |
| Patiála ... | 39,309 | ... | ... | ... | Others ... | 180,241 | |
| Nábha ... | 16,840 | ... | ... | ... | | | |
| Farídkot ... | 51,266 | ... | ... | ... | | | |
| Jind ... | 670 | ... | ... | ... | | | |
| Kalsia ... | 2,249 | ... | | | | | |
| ... | 376,650 | ... | ... | ... | ... | 376,650 | |
| ... | 314,514 | ... | ... | ... | ... | 314,514 | |
| ... | 869,661 | ... | ... | ... | ... | 869,661 | |
| ... | 730,144 | ... | ... | ... | ... | 730,144 | |
| Montgomery ... | 25,369 | ... | ... | ... | ... | 25,369 | - |
| ... | 25,459 | ... | ... | ... | ... | 25,459 | |
| | | | | | Wheat ... | 31,645 | The area remains as last month as the canal has not yet begun to flow. There has been no rain during the month, but so far the crops have not suffered, and, provided the river comes down early in February, probably no harm will be done. |
| | | | | | Barley ... | 73 | |
| | | | | | Others ... | 3,842 | |
| Mooltan ... | 35,560 | ... | ... | ... | | 35,560 | |
| ... | 42,775 | ... | ... | ... | ... | 42,775 | |

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during January 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| INUNDATION CANALS—concluded. | | | | |
| Chenab Canal ... | 7·0 | 2·60 | 1,800 | 317·4 |
| Corresponding period of last year ... | 7·0 | 2·22 | 1,800 | 246 |
| Upper Sutlej Canals ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... | ... | ... | ... | ... |
| Indus Canals ... | ... | ... | ... | ... |
| Muzaffargarh ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| ABSTRACT. | | | | |
| Perennial Canals. | | | | |
| Swat River Canal ... | ... | ... | ... | ... |
| Western Jumna Canal ... | ... | ... | ... | ... |
| Bári Doáb Canal ... | ... | ... | ... | ... |
| Sirhind Canal ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| Inundation Canals. | | | | |
| Lower Sohág Canal ... | ... | ... | ... | ... |
| Sidhnai Canal ... | ... | ... | ... | ... |
| Chenab Canal ... | ... | ... | ... | ... |
| Upper Sutlej ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab ... | ... | ... | ... | ... |
| Indus ... | ... | ... | ... | ... |
| Muzaffargarh ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

Lahore: }
*The 16th January 1890.* }

*of* 1889-90 *up to* 31*st January* 1890—concluded.

| Land irrigated (approximate). | | Rainfall. | | | Chief crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Gujránwála ... | 9,493 | 5 | 1·37 | 0·05 | Wheat ...<br>Barley ...<br>Mixed-grain ...<br>Miscellaneous | 6,090<br>1,581<br>110<br>1,712<br>9,493 | There is more water in the canal than can be used, as the supply was obtained too late to enable much sowing to be done. On the other hand, if the bund had not been made, then, owing to the lowness of the river, there would have been no irrigation at all. |
| ... | 18,405 | ... | ... | ... | ... | 18,405 | |
| Lahore ... | 19,743 | 8 | 1·00 | 0·25 | ... | 19,743 | |
| Montgomery ... | 35,551 | ... | ... | ... | ... | 35,551 | |
| Mooltan ... | 248,912 | 26 | 0·28 | ... | ... | 248,912 | |
| Dera Ghází Khan | 40,570 | 10 | 0·45 | ... | ... | 40,570 | |
| Muzaffargarh ... | 157,239 | 5 | 0·60 | ... | ... | 157,239 | |
| ... | 572,437 | ... | ... | ... | ... | 572,437 | On the Inundation Canals there is an increase of 63,395 acres as compared with the corresponding period of last year. |
| ... | 509,042 | ... | ... | ... | ... | 509,042 | |
| ... | 20,501 | ... | ... | ... | ... | 20,501 | |
| ... | 177,198 | ... | ... | ... | ... | 177,198 | |
| ... | 295,312 | ... | ... | ... | ... | 295,312 | |
| ... | 376,650 | ... | ... | ... | ... | 376,650 | |
| ... | 869,661 | ... | ... | ... | ... | 869,661 | |
| ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 35,560 | ... | ... | ... | ... | 35,560 | |
| ... | 9,493 | ... | ... | ... | ... | 9,493 | |
| ... | 55,294 | ... | ... | ... | ... | 55,294 | |
| ... | 248,912 | ... | ... | ... | ... | 248,912 | |
| ... | 40,570 | ... | ... | ... | ... | 40,570 | |
| ... | 157,239 | ... | ... | ... | ... | 157,239 | |
| ... | 572,437 | ... | ... | ... | ... | 572,437 | |
| ... | 1,442,098 | ... | ... | ... | ... | 1,442,098 | |
| ... | 1,239,186 | ... | ... | ... | ... | 1,239,186 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab,*

*P. W. D.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF DECEMBER 1889.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | | *Optional.* | | | | |
| | Compulsory. | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| December 1889 ... ... | 3,212 | 586 | 747 | 12,890 | 4,761 | |
| December 1888 ... ... | 3,224 | 568 | 718 | 12,708 | 7,946 | |
| Difference ... ... | — 12 | + 18 | + 29 | + 182 | — 3,185 | |
| First nine months of 1889-90 ... | 41,933 | 6,894 | 7,203 | 1,58,150 | 51,167 | |
| First nine months of 1888-89 ... | 45,352 | 7,809 | 7,483 | 1,69,619 | 83,057 | |
| Difference ... ... | — 3,419 | — 915 | — 280 | — 11,469 | — 31,890 | |

Office of Inspector-General of Registration, Punjab,
Lahore:
*The 28th January* 1890.

T. GORDON WALKER,
*Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—20-2-90—690.

No. 9 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 27, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 25th FEBRUARY 1890.

| No | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder insufficient. | Stationary. | Crops suffering for want of rain. | |
| 2 | Delhi ... | ... | ... | Rising. | Crops on baráni lands withering for want of rain. | |
| 3 | Umballa ... | ... | ... | Do. | Crops withering for want of rain. Prospects of wheat doubtful. | |
| 4 | Jullundur ... | ... | ... | ... | ... | Telegram not received. |
| 5 | Ferozepore ... | 0·07 in Zíra. | Fodder sufficient. | Stationary. | More rain wanted. | |
| 6 | Amritsar ... | ... | Ditto. | Rising. | Crops suffering for want of rain. No complaints of canal working. | |
| 7 | Siálkot ... | ... | Fodder insufficient. | Do. | Crops suffering for want of rain. | |
| 8 | Lahore ... | ... | Fodder scarce. | Do. | Sowings of extra rabi crops in progress. Prospects of the standing crops on cháhi and nahri lands average and baráni below average, | Ploughings in progress. |
| 9 | Mooltan ... | ... | Fodder scarce in Rawa. | Do. | Crops in good condition at present. Rain much wanted. | |
| 10 | Ráwalpindi ... | 0·50 at Ráwalpindi. | Fodder sufficient. | Do. | Crops below average. Stock of grain sufficient. Locusts in Ráwalpindi, Gujar Khan, Kahúta and Murree Tahsils, | |
| 11 | Shahpur ... | Slight rainfall in Tahsil Khusháb. | Ditto. | Do. | Crops drying for want of rain. Locusts appeared and damaged crops in two villages of Bhera. | |
| 12 | D. I. Khan ... | ... | Fodder-supply decreasing. | Stationary. | Condition of crops fair. Rain wanted. | |
| 13 | Pesháwar ... | 0·15 | Fodder sufficient. | Rising. | Prospects average on abi lands. No sowings on baráni lands. Rain much wanted. | |

*GENERAL REMARKS.*

Slight rain has fallen in Ferozepore, Ráwalpindi and Pesháwar. Prices are stationary in Hissar, Ferozepore and Dera Ismail Khan and rising elsewhere. Sowings of extra rabi in progress. Ploughings for kharíf have commenced in Lahore. Crops are suffering for want of rain in most districts. Prospects of wheat doubtful in Umballa. Locusts appeared in Ráwalpindi and Shahpur, but damaged the crops in only 2 villages of the latter district. Fodder sufficient, except in Hissar, Siálkot, Lahore, Dera Ismail Khan and in part of Mooltan.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | *Week ending* 19*th January* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | | Date of fall last reported. | Monday 13th. | Tuesday 14th. | Wednesday 15th. | Thursday 16th. | Friday 17th. | Saturday 18th. | Sunday 19th. | Total. | Special Remarks. |
| Simla. | Kilba | s | 18th Septr. ... | ... | ... | ... | 0·45 | 0·80 | 0·07 | ... | 1·32 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 16th FEBRUARY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of February 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | Total. | Special Remarks. |
| Hissar. | Sirsa | 3rd Septr. | ... | ... | ... | 0·02 | ... | ... | ... | 0·02 | |
| | Fatahabad | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 6th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 2nd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | 3rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 30th Augt. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 8th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·09 | 0·09 | |
| | Jagádhri | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 24th Do. | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Kharar | 22nd Do. | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Rúpar | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·03 | 0·03 | |
| | Kotra *C* | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur *C* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádapur | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 23rd January | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | 24th Do. | ... | ... | ... | ... | ... | 0·90 | ... | 0·90 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | 0·90 | ... | 0·90 | |
| | Kilba | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 25th Jany. | ... | ... | ... | ... | ... | 1·00 | 0·30 | 1·30 | |
| | Kulu | Ditto | ... | ... | ... | ... | ... | ... | 2·76 | 2·76 | |
| | Nagar | 24th Jany. | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Páiampur | 25th Do. | ... | ... | ... | ... | ... | ... | 2·90 | 2·90 | |
| | Hamirpur | 24th Do. | ... | ... | ... | ... | ... | ... | 0·85 | 0·85 | |
| | Dera | 22nd Do. | ... | ... | ... | ... | ... | 1·43 | ... | 1·43 | |
| | Kángra | 24th Do. | ... | ... | ... | ... | ... | ... | 1·20 | 1·20 | |
| | Dharmsála | Ditto | ... | ... | ... | ... | ... | 2·00 | 0·05 | 2·05 | |
| | Núrpur | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·73 | 0·73 | |
| Hoshiarpur. | Dasúya | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Una | 22nd Do. | ... | ... | ... | ... | ... | 0·25 | ... | 0·25 | |
| | Garhshankar | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | Ditto | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Hoshiárpur | 8th Feby. | ... | ... | ... | ... | ... | 0·39 | ... | 0·39 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-gauge station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of February 1890. Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·35 | 0·35 | |
| | Nakodar | Ditto | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Phillour | 22nd Jany. | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Nawashahr | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·16 | 0·16 | |
| Ludhiana. | Samrála | 22nd Jany. | ... | ... | ... | ... | ... | ... | 0·60 | 0·60 | |
| | Ludhiána *s* | 18th Do. | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Jagraon | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Ferozepore. | Moga | 17th Septr. | ... | ... | ... | ... | ... | ... | 0·16 | 0·16 | |
| | Zíra | 22nd Jany. | ... | ... | ... | ... | ... | ... | 0·13 | 0·13 | |
| | Ferozepore *s* | Ditto | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Ferozepore city | Ditto | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Muktsar | 23rd Septr. | ... | ... | ... | ... | ... | ... | 0·08 | 0·08 | |
| | Fázilka | Ditto | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi *s* | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan *s* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 19th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| Jhang. | Shorkot | 22nd Jany. | ... | ... | ... | ... | ... | ... | 0·03 | 0·03 | |
| | Jhang *s* | Ditto | ... | ... | ... | ... | ... | 0·01 | 0·04 | 0·05 | |
| | Chiniot | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·11 | 0·11 | |
| Montgomery. | Gugera | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Montgomery *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* *b* | 22nd Jany. | ... | ... | ... | ... | ... | ... | 0·18 | 0·18 | |
| | Chunián | 23rd Do. | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Kasúr | Ditto | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Pambe *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | 0·03 | 0·03 | |
| | Sharakpur | 22nd Jany. | ... | ... | ... | ... | ... | 0·26 | ... | 0·26 | |
| | Niáz Beg *C* | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Lahore *s* | Ditto | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Meean Meer *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | 0·51 | 0·51 | |
| | Manihála *C* | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·15 | 0·15 | |
| Amritsar. | Buchar *C* *b* | 22nd Jany. | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Khara *C* | Ditto | ... | ... | ... | ... | ... | ... | 0·15 | 0·15 | |
| | Tarn Táran | Ditto | ... | ... | ... | ... | ... | 0·25 | ... | 0·25 | |
| | Raya *C* | Ditto | ... | ... | ... | ... | ... | ... | 0·42 | 0·42 | |
| | Jandiála *C* | Ditto | ... | ... | ... | ... | ... | ... | 0·33 | 0·33 | |
| | Jail Hospital *s* | Ditto | ... | ... | ... | ... | ... | 0·23 | ... | 0·23 | |
| | Amritsar Tahsíl | Ditto | ... | ... | ... | ... | ... | 0·21 | ... | 0·21 | |
| | Amritsar *C* | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·24 | 0·24 | |
| | Buggeh *C* | 22nd Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Ajnála | Ditto | ... | ... | ... | ... | ... | 0·26 | ... | 0·26 | |
| Gurdaspur. | Aliwál *C* | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·39 | 0·39 | |
| | Batála | 21st Do. | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Kaler *C* | 24th Septr. | ... | ... | ... | ... | ... | ... | 1·50 | 1·50 | |
| | Tibri *C* | Ditto | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Gurdáspur *s* | 22nd Jany. | ... | ... | ... | ... | ... | 0·65 | ... | 0·65 | |
| | Bhímpur *C* | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·74 | 0·74 | |
| | Pathánkot | 22nd Do. | ... | ... | ... | ... | ... | 1·00 | ... | 1·00 | |
| | Dalhousie *s* | 24th Do. | ... | ... | ... | ... | ... | 0·39 | 1·13 | 1·52 | |
| | Mádhopur *C* *b* | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·78 | 0 78 | |
| | Shakargarh | 22nd Do. | ... | ... | ... | ... | ... | 0·53 | ... | 0 53 | |
| Sialkot. | Zafarwál | 21st Jany. | ... | ... | ... | ... | ... | ... | 0·43 | 0·43 | |
| | Pasrúr | 19th Do. | ... | ... | ... | ... | ... | ... | 0·45 | 0·45 | |
| | Raya | 30th August | ... | ... | ... | ... | ... | ... | 0·43 | 0·43 | |
| | Daska | 18th Jany. | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Siálkot *s* | 21st Do. | ... | ... | ... | ... | ... | ... | 0·52 | 0·52 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of February* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | TOTAL. | SPECIAL REMARKS |
| GUJRAT. | Sadr s | 18th Jany. | ... | ... | ... | ... | ... | ... | 0·32 | 0·32 | |
| | Gujrát ... | Ditto | ... | ... | ... | ... | ... | ... | 0·32 | 0·32 | |
| | Khárián ... | 23rd Jany. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Phália ... | 18th Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| GUJRANWALA. | Rámnagar ... | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad ... | 18th Jany. | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Shekhupura ... | 17th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 31st August | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Meluána C ... | 30th Do. | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Shahkot C ... | 22nd Jany. | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| SHAHPUR. | Midh s | 16th Septr. | ... | ... | ... | ... | ... | 0·17 | ... | 0·17 | |
| | Sahiwál ... | 18th Jany. | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Núrpur ... | 18th Septr. | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Mitha Tiwána ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 19th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | 18th Do. | ... | ... | ... | ... | ... | ... | 0·09 | 0·09 | |
| | Shahpur s | 17th Do. | ... | ... | ... | ... | ... | ... | 0·13 | 0·13 | |
| | Bhera ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 17th Septr. | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| JHELUM. | Pind Dádan Khan | 17th Jany. | ... | ... | ... | ... | ... | ... | 0·15 | 0·15 | |
| | Sadr Station s | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·44 | 0·44 | |
| | Chakwál ... | 19th Do. | ... | ... | ... | ... | ... | ... | 0·22 | 0·22 | |
| | Talagang ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI.* | Pindigheb ... | 18th Jany. | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | *Locusts have appeared in this district. They appear to have first entered the Murree and Kahúta Tahsíls from the Kashmir territory. From here they passed on to the Rawalpindi and Gujar Khan Tahsíls, and from thence to the Jhelum and Hazára Districts. In the Kahúta Tahsíl only little damage has been done to the sarson crop; also the wheat crop has been eaten in some villages near Barakan. |
| | Fatahjang ... | 22nd Do. | ... | ... | ... | ... | ... | 0·70 | ... | 0·70 | |
| | Attock ... | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 22nd Do. | ... | ... | ... | ... | 0·13 | 0·90 | ... | 1·03 | |
| | Gujar Khan ... | Ditto | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Kahúta ... | Ditto | ... | ... | ... | ... | 1·04 | 0·33 | ... | 1·37 | |
| | Murree s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| HAZARA. | Abbott-abad s | 8th Feby. | ... | ... | ... | ... | ... | 0·47 | 0·56 | 1·03 | |
| | Mansahra ... | Ditto | ... | ... | ... | ... | ... | 0·42 | 0·27 | 0·49 | |
| | Haripur ... | 23rd Jany. | ... | ... | ... | ... | ... | 0·10 | 0·10 | 0·20 | |
| PESHAWAR. | Swábi ... | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 22nd Jany. | ... | ... | ... | ... | ... | 0·05 | ... | 0·05 | |
| | Katlang ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 18th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doáb Daudzai ... | Ditto | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Peshawar s | 21st Jany. | ... | ... | ... | ... | R. | 0·06 | ... | 0·06 | |
| KOHAT. | Kohát s | 21st Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Hangu ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 25th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli ... | 18th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Locusts appeared on 15th February in village Kallanwala, Tahsil Isa Khel, and moving towards Mitha Khattack hills on north-west side of the village. |
| | Isa Khel ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | 20th Do. | ... | ... | ... | ... | ... | 1·70 | ... | 1·70 | |
| DERA ISMAIL KHAN. | Tánk ... | 20th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | Ditto | ... | ... | ... | ... | ... | ... | 0·05 | 0·05 | |
| | Bhakkar ... | 18th Jany. | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Leiah ... | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sanghar ... | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Gházi Khan s | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 27th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 27th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE ...

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 18 | 19 | 19 | 28 | 25 | 24 | ... | ... | ... | 10 | 10 | 10 | 27 | 25 | 22 | 23 | 24 | 20 |
| Rohtak ... | 17 | 17 | 16 | 24 | 24 | 20 | ... | ... | ... | 10 | 12 | 11 | 23 | 23 | 18 | 21 | 20 | 20 |
| Gurgaon ... | 17 | 17 | 17 | 25 | 25 | 24 | ... | ... | ... | 11 | 10 | 11 | 25 | 25 | 24 | 20 | 20 | 20 |
| Delhi ... | 17 | 17 | 16 | 23 | 24 | 21 | ... | ... | ... | 12 | 12 | 12 | 22 | 22 | 22 | 19 | 20 | 17 |
| Karnál ... | 17 | 17 | 16 | 25 | 26 | 24 | ... | ... | ... | 11 | 11 | 11 | 24 | 24 | 25 | 21 | 20 | 18 |
| Umballa ... | 18 | 18 | 20 | 26 | 26 | 26 | ... | ... | ... | 11 | 11 | 12 | 24 | 25 | 25 | 24 | 22 | 17 |
| Simla ... | 13 | 13 | 14 | 20 | 20 | 16 | ... | ... | ... | 9 | 9 | 9 | 15 | 15 | 14 | 13 | 13 | 15 |
| Kángra ... | 17 | 17 | 13 | 25 | 25 | 18 | ... | ... | ... | 11 | 12 | 12 | 13 | 14 | 13 | 10 | 11 | 10 |
| Hoshiárpur ... | 21 | 20 | 20 | 30 | 27 | 23 | ... | ... | ... | 10 | 10 | 12 | 28 | 28 | 24 | 22 | 22 | 20 |
| Jullundur ... | 20 | 20 | 20 | 28 | 30 | 28 | ... | ... | ... | 8 | 8 | 8 | 28 | 24 | 28 | 20 | 20 | 20 |
| Ludhiána ... | 19 | 20 | 20 | 32 | 29 | 28 | ... | ... | ... | 12 | 12 | 12 | 27 | 28 | 28 | 23 | 25 | 22 |
| Ferozepore ... | 19 | 20 | 21 | 31 | 36 | 28 | ... | ... | ... | 11 | 10 | 11 | 26 | 30 | 24 | 24 | 26 | 22 |
| Mooltan ... | 16 | 16 | 15 | 29 | 28 | 23 | ... | ... | ... | 10 | 10 | 11 | 25 | 27 | 23 | 21 | 23 | 18 |
| Jhang ... | 17 | 17 | 19 | 32 | 30 | 29 | ... | ... | ... | 9 | 10 | 10 | 23 | 23 | 25 | 21 | 22 | 19 |
| Montgomery... | 18 | 18 | 16 | 27 | 28 | 23 | ... | ... | ... | 9 | 10 | 10 | 24 | 25 | 22 | 20 | 20 | 16 |
| Lahore .. | 17 | 18 | 17 | 36 | 36 | 25 | ... | ... | ... | 11 | 11 | 9 | 30 | 31 | 25 | 18 | 18 | 16 |
| Amritsar .. | 19 | 20 | 19 | 29 | 29 | 25 | ... | ... | ... | 11 | 10 | 11 | 22 | 29 | 24 | 20 | 22 | 19 |
| Gurdáspur ... | 17 | 21 | 17 | 22 | 24 | 22 | ... | ... | ... | 14 | 14 | 12 | 19 | 20 | 22 | 14 | 14 | 14 |
| Siálkot ... | 16 | 19 | 18 | 27 | 32 | 25 | ... | ... | ... | 13 | 13 | 13 | 28 | 30 | 24 | 22 | 25 | 21 |
| Gujrát ... | 19 | 20 | 17 | 32 | 34 | 23 | ... | ... | ... | 13 | 12 | 9 | 26 | 30 | 21 | 23 | 26 | 20 |
| Gujránwála ... | 17 | 19 | 18 | 30 | 34 | 26 | ... | ... | ... | 12 | 12 | 11 | 25 | 28 | 22 | 18 | 19 | 10 |
| Shahpur ... | 19 | 19 | 18 | 33 | 33 | 25 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 24 | 24 | 24 | 22 |
| Jhelum ... | 18 | 21 | 18 | 27 | 36 | 25 | ... | ... | ... | 14 | 15 | 10 | 24 | ‡ | 22 | 22 | 27 | 20 |
| Ráwalpindi ... | 18 | 20 | 16 | 35 | 42 | 22 | ... | ... | ... | 13 | 14 | 11 | 28 | 35 | 21 | 22 | 27 | 18 |
| Hazára ... | 21 | 22 | 13 | 36 | 39 | 19 | ... | ... | ... | 12 | 13 | 11 | 20 | 16 | § | 22 | 24 | 14 |
| Pesháwar ... | 18 | 19 | 14 | 41 | 46 | 22 | ... | ... | ... | 11 | 11 | 10 | 35 | 38 | 24 | 21 | 21 | 15 |
| Kohát ... | 23 | 22 | 14 | 45 | 43 | 20 | ... | ... | ... | 14 | 13 | 11 | 30 | 30 | 18 | 30 | 30 | 16 |
| Bannu ... | 25 | 25 | 17 | 54 | 53 | 25 | ... | ... | ... | 15 | 15 | 10 | 40 | 44 | 20 | 31 | 31 | 18 |
| D. I. Khan ... | 20 | 21 | 16 | 42 | 39 | 27 | ... | ... | ... | 9 | 9 | 8 | 35 | 36 | 25 | 30 | 30 | 20 |
| D. G. Khan ... | 17 | 17 | 16 | 28 | 28 | 21 | ... | ... | ... | 8 | 8 | 9 | 25 | 25 | 22 | 23 | 23 | 20 |
| Muzaffargarh | 17 | 17 | 17 | 25 | 25 | 23 | ... | ... | ... | 13 | 13 | 12 | 19 | 19 | 17 | 19 | 19 | 18 |

‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th FE...

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 27 | 27 | 25 |
| † | † | † | 16 | 16 | † | 24 | 23 | 25 |
| † | † | † | † | † | † | 23 | 24 | 18 |
| † | † | † | 13 | 14 | 11 | 22 | 23 | 23 |
| 22 | 22 | 22 | 18 | 18 | 17 | 24 | 25 | 27 |
| 20 | 20 | 20 | 9 | 9 | 10 | 26 | 26 | 27 |
| 18 | 18 | 16 | 8 | 8 | 8 | 19 | 17 | 19 |
| 25 | 25 | 24 | 8 | 7 | 8 | 22 | 22 | 17 |
| 14 | 14 | 14 | 24 | 24 | 24 | 27 | 26 | 23 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 24 | 28 | 24 |
| † | † | † | 20 | 20 | 20 | 27 | 24 | 27 |
| † | † | † | 24 | 22 | 16 | 27 | 31 | 28 |
| † | † | † | 26 | 25 | 22 | 21 | 22 | 18 |
| 22 | 22 | 18 | 22 | 22 | 22 | 18 | 22 | 18 |
| § | § | § | 32 | 32 | 20 | 25 | 26 | 20 |
| § | § | § | 30 | 22 | 20 | 24 | 27 | 22 |
| † | † | † | 19 | 21 | 20 | 24 | 26 | 24 |
| † | † | † | 16 | 16 | 12 | 22 | 24 | 20 |
| § | § | § | 28 | 32 | 25 | 22 | 25 | 23 |
| † | † | † | 12 | 12 | 12 | 23 | 25 | 20 |
| § | § | § | 18 | 19 | 10 | 25 | 24 | 22 |
| 20 | 20 | 20 | 20 | 20 | 20 | 27 | 27 | 21 |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 22 | 25 | 23 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 24 | 26 | 21 |
| † | † | † | 16 | 16 | 12 | 21 | 22 | 17 |
| † | † | † | 21 | 22 | 19 | 20 | 21 | 16 |
| § | † | § | 32 | 32 | 22 | 27 | 29 | 24 |
| 9 | 8 | 8 | 9 | 8 | 8 | 35 | 35 | 19 |
| § | § | 15 | 6 | 6 | 5 | 29 | 29 | 19 |
| § | § | ‡ | § | § | ‡ | 22 | 22 | 18 |
| § | § | § | § | § | § | 21 | 21 | 13 |

### REMARKS ON CURRENT VARIA...

*Wheat.*—Prices average 18 seers as compared with 19 seers ... fortnight, and 17 seers in corresponding period of 1889. The c... variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umbálla | ... | 20 | 18 | 18 |
| Ferozepore | ... | 21 | 20 | 19 |
| Montgomery | ... | 16 | 18 | 18 |
| Gujrát | ... | 17 | 20 | 19 |
| Kohát | ... | 14 | 22 | 23 |
| Bannu | ... | 17 | 25 | 25 |

*Barley.*—Prices average 31 seers as compared with 32 seers in last fortnight and 24 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 24 | 25 | 28 |
| Kángra | ... | 18 | 25 | 25 |
| Lahore | ... | 25 | 36 | 36 |
| Ráwalpindi | ... | 22 | 42 | 35 |
| Kohát | ... | 20 | 43 | 45 |
| Bannu | ... | 25 | 53 | 54 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 11 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 12 | 11 | 11 |
| Hoshiárpur | ... | 12 | 10 | 10 |
| Gurdáspur | ... | 12 | 14 | 14 |
| Jhelum | ... | 10 | 15 | 14 |
| Kohát | ... | 11 | 13 | 14 |
| Bannu | ... | 10 | 15 | 15 |

*Jowár.*—Prices average 26 seers as compared with 27 seers in last fortnight and 23 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 22 | 25 | 27 |
| Hoshiárpur | ... | 24 | 28 | 28 |
| Láhore | ... | 25 | 31 | 30 |
| Ráwalpindi | ... | 21 | 35 | 28 |
| Kohát | ... | 18 | 30 | 30 |
| Bannu | ... | 20 | 44 | 40 |

*Bájra.*—Prices average 22 seers as compared with 23 seers in last fortnight and 18 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 17 | 22 | 24 |
| Ferozepore | ... | 22 | 26 | 24 |
| Montgomery | ... | 16 | 20 | 20 |
| Gujránwála | ... | 10 | 19 | 18 |
| Kohát | ... | 16 | 30 | 30 |
| Bannu | ... | 18 | 31 | 31 |

*Gram.*—Prices average 24 seers as compared with 25 seers in last fortnight and 21 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 18 | 24 | 23 |
| Kángra | ... | 17 | 22 | 22 |
| Montgomery | ... | 20 | 26 | 25 |
| Shahpur | ... | 21 | 27 | 27 |
| Pesháwar | ... | 16 | 21 | 20 |
| Bannu | ... | 19 | 35 | 35 |

† Not produced.
‡ Not sold.
§ Not procurable.

SUPPLEMENT

154

…AINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| District. | … Mays). | | | 13<br>Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | 14<br>Salt. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. Whole-sale. | Present fortnight ending 15th Feby. 1890. Retail. | Past fortnight ending 31st Jany. 1890. Whole-sale. | Past fortnight ending 31st Jany. 1890. Retail. | Corresponding fortnight of 1889. Whole-sale. | Corresponding fortnight of 1889. Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 19 | 18 | † | † | † | 100 | 90 | 85 | 12 4 | 12 0 | 11 12 | 11 8 | 12 0 | 11 8 |
| Rohtak ... | 18 | 20 | 18 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 10 0 | 12 0 | 12 0 |
| Gurgaon ... | 24 | 24 | 20 | 20 | 20 | 16 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 21 | 24 | 21 | 25 | 25 | 22 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 25 | 26 | 23 | 21 | 21 | 19 | 160 | 160 | 130 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 27 | 27 | 26 | 20 | 20 | 20 | 140 | 130 | 130 | 12 0 | 12 0 | 11 0 | 11 0 | 13 0 | 12 0 |
| Simla ... | 20 | 20 | 16 | 11 | 11 | 10 | 65 | 65 | 65 | 9 4 | 8 12 | 9 12 | 8 12 | 9 8 | 9 0 |
| Kángra ... | 21 | 21 | 18 | 12 | 12 | 14 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 9 0 | ... | 10 0 |
| Hoshiárpur ... | 27 | 27 | 25 | 15 | 15 | 20 | 85 | 80 | 100 | 12 8 | 12 4 | 13 8 | 13 0 | 13 0 | 13 0 |
| Jullundur ... | 28 | 28 | 28 | ‡ | ‡ | ‡ | 90 | 90 | 100 | 13 0 | 12 8 | 11 0 | 10 8 | 13 2 | 12 8 |
| Ludhiána ... | 28 | 28 | 27 | 14 | 14 | 14 | 120 | 110 | 110 | 13 0 | 13 0 | 12 0 | 11 8 | 13 0 | 12 8 |
| Ferozepore ... | 26 | 30 | 24 | 11 | 11 | 12 | 100 | 100 | 100 | 13 4 | 13 0 | 13 0 | 13 0 | 13 4 | 13 0 |
| Mooltan ... | 23 | 24 | 19 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Jhang ... | 24 | 24 | 20 | 10 | 10 | 10 | 200 | 200 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 24 | 25 | 20 | 12 | 12 | 12 | 200 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 26 | 30 | 22 | 12 | 12 | 12 | 85 | 85 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 24 | 27 | 24 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 12 0 | 12 0 | 14 0 | 13 0 |
| Gurdáspur ... | 24 | 26 | 23 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 22 | 26 | 21 | 12 | 12 | 14 | 120 | 120 | 160 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 23 | 26 | 20 | † | † | † | 120 | 120 | 120 | * | 13 8 | * | 13 0 | * | 13 0 |
| Gujránwála ... | 23 | 24 | 20 | § | § | § | 85 | 85 | 90 | 13 8 | 13 0 | 12 0 | 11 8 | 13 8 | 13 0 |
| Shahpur ... | 26 | 27 | 20 | ‡ | ‡ | † | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 24 | 27 | 20 | ‡ | ‡ | 11 | 120 | 160 | 160 | 14 0 | 14 0 | 14 0 | 14 0 | 14 0 | 14 0 |
| Ráwalpindi ... | 29 | 29 | 19 | 24 | 25 | 18 | 85 | 85 | 98 | 13 12 | 13 8 | 13 8 | 13 4 | 13 12 | 13 8 |
| Hazára ... | 29 | 32 | 17 | † | † | † | 100 | 100 | 120 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 31 | 35 | 20 | 30 | 30 | 22 | 108 | 105 | 100 | 42 0 | 40 0 | 40 0 | 39 0 | 42 0 | 40 0 |
| Kohát ... | 33 | 31 | 18 | § | † | § | 125 | 143 | 150 | 65 0 | 60 0 | 65 0 | 60 0 | 63 0 | 60 0 |
| Bannu ... | 44 | 43 | 21 | 13 | 13 | 13 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 30 | 30 | 16 | 15 | 15 | § | 125 | 112 | 112 | 49 0 | 47 0 | 39 0 | 37 0 | 44 0 | 42 0 |
| D. G. Khan ... | § | § | ‡ | § | § | ‡ | 125 | 125 | 75 | 28 8 | 27 8 | 28 8 | 27 8 | 29 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 9 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th FEBRUARY 1890—concluded.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 10 8 | 12 8 | 16 0 | 7 0 | 7 0 | 7 0 |
| 10 0 | 13 0 | 17 0 | 8 0 | 8 0 | 8 0 |
| 12 0 | 13 0 | 18 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 9 0 | 11 0 | 6 0 | 6 0 | 7 0 |
| 11 0 | 12 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 11 0 | 12 0 | 13 8 | 7 8 | 7 8 | 8 0 |
| 7 12 | 7 8 | 7 0 | 2 4 | 2 4 | 2 8 |
| | | | | | |
| 9 0 | 9 0 | 9 0 | 7 0 | 7 0 | 8 0 |
| 9 8 | 10 0 | 13 0 | 7 8 | 7 0 | 8 0 |
| 12 0 | 12 0 | 16 0 | 7 0 | 8 0 | 7 0 |
| 9 0 | 11 0 | 12 0 | 8 0 | 9 0 | 9 0 |
| 11 0 | 12 4 | 12 0 | 8 8 | 8 8 | 8 8 |
| | | | | | |
| 9 0 | 9 8 | 11 0 | 7 0 | 7 0 | 7 0 |
| 9 8 | 11 0 | 12 0 | 8 0 | 8 0 | 10 0 |
| 10 8 | 11 0 | 12 0 | 9 0 | 9 0 | 8 0 |
| 9 0 | 9 0 | 12 0 | 8 1 | 8 1 | 7 2 |
| 11 0 | 13 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 12 8 | 15 8 | 15 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 12 0 | 14 0 | 16 0 | 9 0 | 8 0 | 9 0 |
| 12 0 | 13 0 | 13 0 | 10 0 | 10 0 | 8 0 |
| 12 0 | 12 0 | 13 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 11 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 12 0 | 12 0 | 12 8 | 10 0 | 10 0 | 8 0 |
| 11 0 | 11 8 | 9 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 9 8 | § | § | ... |
| 9 10 | 10 0 | 10 8 | 9 0 | 8 12 | 6 0 |
| 12 0 | 12 0 | 12 0 | 10 0 | 10 0 | 8 2 |
| | | | | | |
| 15 0 | 15 15 | 15 0 | 8 12 | 9 0 | 8 12 |
| 12 0 | 13 0 | 12 0 | 9 1 | 8 12 | 9 6 |
| 8 2 | 8 2 | 9 6 | 8 8 | 8 [illegible] | 8 12 |
| 9 0 | 9 0 | 10 0 | 8 0 | 8 | 8 0 |

§ Not procurable.

REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 23 seers as compared with 27 seers in last fortnight and 21 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Gurgaon ... | 20 | 24 | 24 |
| Kángra ... | 18 | 21 | 21 |
| Lahore ... | 22 | 30 | 26 |
| Ráwalpindi ... | 19 | 29 | 29 |
| Kohát ... | 18 | 31 | 33 |
| Bannu ... | 21 | 43 | 44 |

PESTONJI, *Supdt.*,

*Office of Director of Land Records & Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 17 | 24 | 25 | 22 | ... | ... | ... | 13 | 13 | 13 | 23 | 23 | 23 | 20 | 21 | 18 | † | † | ... |
| Ferozepore ... | 19 | 20 | 21 | 31 | 36 | 28 | ... | ... | ... | 11 | 10 | 11 | 26 | 30 | 24 | 24 | 26 | 22 | † | † | ... |
| Mooltan ... | 16 | 17 | 15 | 30 | 28 | 24 | ... | ... | ... | 11 | 11 | 12 | 26 | 28 | 24 | 22 | 23 | 19 | † | † | ... |
| Lahore ... | 18 | 19 | 18 | 37 | 37 | 26 | ... | ... | ... | 12 | 11 | 10 | 31 | 32 | 26 | 20 | 20 | 20 | § | § | ... |
| Amritsar ... | 19 | 20 | 19 | 30 | 30 | 25 | ... | ... | ... | 11 | 11 | 11 | 23 | 30 | 24 | 21 | 23 | 19 | † | † | ... |
| Peshawar ... | 19 | 20 | 15 | 43 | 48 | 23 | ... | ... | ... | 12 | 12 | 11 | 37 | 39 | 25 | 22 | 22 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th FEBRUARY 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Feby. 1890. | Past fortnight ending 31st Jany. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 15 | 12 | 23 | 24 | 24 | 22 | 25 | 22 | 26 | 26 | 23 | 9 0 | 10 0 | 12 0 | 7 0 | 7 0 | 8 0 | |
| 24 | 22 | 16 | 27 | 31 | 28 | 26 | 30 | 24 | 11 | 11 | 12 | 11 4 | 12 0 | 12 0 | 8 8 | 8 8 | 8 8 | |
| 27 | 26 | 23 | 22 | 23 | 19 | 24 | 25 | 19 | † | † | ... | 9 4 | 10 0 | 12 0 | 7 8 | 7 8 | 7 8 | |
| 31 | 23 | 22 | 25 | 28 | 23 | 27 | 31 | 23 | 13 | 13 | 13 | 9 4 | 10 0 | 13 0 | 8 3 | 8 4 | 7 6 | |
| 20 | 22 | 20 | 25 | 27 | 24 | 25 | 28 | 25 | † | † | ... | 12 0 | 14 0 | 15 0 | 8 0 | 8 0 | 8 0 | |
| 22 | 23 | 20 | 21 | 22 | 17 | 32 | 36 | 21 | 31 | 31 | 23 | 10 0 | 11 0 | 10 4 | 9 4 | 8 15 | 7 2 | |

† Not produced.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of January* 1890.

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 230 | |
| Receipts. Tollage. | Private boats | | Rs. | 504 | |
| | Government boats | | " | 65 | |
| | Rafts | | " | 9,162 | |
| Carrying Operation or Transport Services. | | Government boats | " | 50 | |
| | | Total | " | 9,781 | |
| Cost of Navigation Establishment | | | " | * 581 | * Includes maintenance charges. |
| Net revenue during month | | | " | 9,200 | |
| Boats plying. | Number | Cargo... | No. | 98 | |
| | | Passengers | " | ... | |
| | Tonnage | Cargo... | Tons | 2,019 | |
| | | Passengers | No. | ... | |
| Ton mileage | | Up | Tons | 87,345 | |
| | | Down... | " | 80,555 | |
| | | Total | " | 167,900 | |
| Estimated value of cargo | | Up | Rs. | 35,112 | |
| | | Down | " | 35,862 | |
| | | Total | " | 70,974 | |
| Number of passengers | | | No. | ... | |
| Rafts ... | | Contents, Down | C. ft. | 982,670 | |
| | | Estimated value | Rs. | 2,61,565 | |
| Tollage on boats per ton per mile | | | Pie. | 0·71 | |
| Do. rafts per 100 cubic feet | | | Re. | 0-14-11·01 | |
| Description and quantities of goods carried. | Grain | Down | Tons. | 317 | |
| | Cotton | Down | " | 14 | |
| | Oil seed | Down | " | 15 | |
| | Metals | Down | " | 7 | |
| | Building materials | Up | " | 620 | |
| | Fuel | Up | " | 3,000 | |
| | | Down... | " | 193 | |
| | | Total | " | 3,193 | |
| | Miscellaneous | Down ... | " | 108 | |
| | Total Traffic | Up | " | 3,620 | |
| | | Down | " | 654 | |
| | | Total | " | 4,274 | |
| | Rafts. | Sleepers, broad gauge—Down ... | " | 1,725 | |
| | | Sleepers, metre gauge—Down ... | " | 1,970 | |
| | | Ballas and Karries—Down ... | " | 2,280 | |
| | | Firewood —Down ... | " | 56 | |
| | | Total Rafts ... | " | 6,031 | |

LAHORE:
*The 24th February* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of January* 1890.

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... ... | | | Miles | 188 | |
| Receipts. | Tollage. | Private boats... ... ... | Rs. | 223 | |
| | | Government boats ... ... | " | 9 | |
| | | Rafts ... ... ... | " | 1,496 | |
| | Hire of Government boats ... ... | | " | 20 | |
| | | Total ... | " | 1,748 | |
| Cost of Navigation Establishment... ... | | | " | *716 | * Includes maintenance charges. |
| Net Revenue during month ... ... | | | " | 1,032 | |
| Boats plying. | Number ... | Cargo... ... | No. | 38 | |
| | | Passengers ... | " | 10 | |
| | Tonnage ... | Cargo... ... | Tons | 500 | |
| | | Passengers ... | " | 30 | |
| Ton mileage ... | | Up ... ... | " | 19,094 | |
| | | Down... ... | " | 29,109 | |
| | | Total ... ... | " | 48,203 | |
| Estimated value of cargo | | Up ... ... | Rs. | 38,040 | |
| | | Down... ... | " | 4,750 | |
| | | Total ... ... | " | 42,790 | |
| Number of passengers ... ... ... | | | No. | 955 | |
| Rafts ... ... | | Contents—Down ... | C. ft. | 193,738 | |
| | | Estimated value ... | Rs. | 1,[illegible]0,455 | |
| Tollage on boats per ton per mile ... ... | | | Pie | 1 | |
| Description and quantities of goods carried. | Grain ... ... | Up ... ... | Tons | 268 | |
| | | Down... ... | " | 54 | |
| | | Total ... ... | " | 322 | |
| | Salt ... ... | Up ... ... | " | 20 | |
| | Metals ... ... | Up ... ... | " | 1 | |
| | Building materials ... | Up ... ... | " | 924 | |
| | | Down... ... | " | 135 | |
| | | Total ... ... | " | 1,059 | |
| | Fuel ... ... | Up ... ... | " | 255 | |
| | Timber ... ... | Up ... ... | " | 21 | |
| | | Down ... ... | " | 351 | |
| | | Total ... ... | " | 372 | |
| | Total Traffic ... | Up ... ... | " | 1,489 | |
| | | Down... ... | " | 540 | |
| | | Total ... ... | " | 2,029 | |
| | Rafts. | Logs, round and squared—Down ... | " | 24 | |
| | | Sleepers, broad gauge. Down... ... | " | 2,768 | |
| | | Sleepers, metre gauge—Down ... | " | 316 | |
| | | Ballas and Karries—Down ... | " | 32 | |
| | | Bamboos and Reeds—Down ... | " | 24 | |
| | | Total Rafts ... | " | 3,164 | |

LAHORE:
*The 24th February* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 1st FEBRUARY 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 5 | 4 | 9 | 14 | 5 | 9 | ... | ... | 4 | ... | ... | 10 | ... | 1 | 1 | 33 | 51 |
| 2 | | Hansi ... | 12,656 | 7 | 3 | 10 | 15 | 9 | 6 | ... | ... | 9 | 1 | ... | 5 | 2 | ... | 2 | 41 | 62 |
| 3 | | Bhiwani ... | 33,762 | 11 | 12 | 23 | 48 | 29 | 19 | ... | 2 | 15 | 4 | ... | 27 | 6 | 3 | 9 | 36 | 74 |
| 4 | | Sirsa ... | 12,292 | 1 | 5 | 6 | 5 | 3 | 2 | ... | ... | 3 | ... | ... | 2 | 1 | 2 | 3 | 26 | 21 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 5 | 9 | 9 | 7 | 2 | ... | ... | 4 | ... | ... | 5 | 2 | ... | 2 | 30 | 30 |
| 6 | | Jhajjar ... | 11,650 | 9 | 6 | 15 | 8 | 5 | 3 | ... | ... | 3 | 1 | ... | 4 | 2 | 1 | 3 | 67 | 36 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 7 | 9 | 16 | 14 | 6 | 8 | ... | 8 | 1 | ... | ... | 5 | ... | 1 | 1 | 34 | 30 |
| 8 | | Palwal ... | 10,635 | 7 | 7 | 14 | 12 | 6 | 6 | ... | ... | 6 | ... | ... | 6 | 1 | 3 | 4 | 69 | 59 |
| 9 | Delhi ... | Delhi ... | 117,363 | 57 | 36 | 93 | 101 | 52 | 49 | ... | 2 | 49 | 3 | ... | 47 | 14 | 8 | 22 | 41 | 45 |
| 10 | | " Suburbs ... | 52,882 | 15 | 14 | 29 | 22 | 16 | 6 | ... | ... | 14 | 1 | ... | 7 | 3 | ... | 3 | 29 | 22 |
| 11 | | Sonepat ... | 13,077 | 2 | 6 | 8 | 5 | 5 | ... | ... | ... | 3 | ... | ... | 2 | ... | ... | ... | 32 | 20 |
| 12 | Karnal ... | Karnal ... | 23,133 | 6 | 4 | 10 | 27 | 15 | 12 | ... | 1 | 12 | 2 | ... | 12 | 3 | 1 | 4 | 23 | 61 |
| 13 | | Kaithal ... | 14,754 | 4 | 3 | 7 | 9 | 7 | 2 | ... | ... | 6 | 1 | ... | 2 | 2 | ... | 2 | 25 | 32 |
| 14 | | Panipat ... | 26,572 | 9 | 7 | 16 | 15 | 7 | 8 | ... | ... | 4 | 2 | ... | 9 | ... | ... | ... | 31 | 29 |
| 15 | Umballa ... | Umballa ... | 26,777 | 10 | 11 | 21 | 18 | 9 | 9 | ... | ... | 8 | 1 | ... | 9 | 4 | 3 | 7 | 41 | 36 |
| 16 | | Jagadhri ... | 12,300 | 6 | 6 | 12 | 7 | 3 | 4 | ... | ... | 1 | 1 | ... | 5 | 1 | 2 | 3 | 51 | 30 |
| 17 | | Shahabad ... | 10,218 | 1 | ... | 1 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 1 | 5 | 10 |
| 18 | | Sadhaura ... | 10,794 | 3 | 1 | 4 | 5 | 2 | 3 | ... | ... | 4 | ... | ... | 1 | ... | 2 | 2 | 19 | 24 |
| 19 | | Rupar ... | 10,326 | 2 | 3 | 5 | 7 | 4 | 3 | ... | ... | 4 | ... | ... | 3 | ... | 1 | 1 | 25 | 35 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 9 | 9 | 18 | 7 | 4 | 3 | ... | ... | 2 | ... | ... | 5 | 1 | 1 | 2 | 71 | 28 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 2 | 6 | 7 | 5 | 2 | ... | ... | 4 | ... | ... | 3 | 1 | ... | 1 | 30 | 35 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 16 | 17 | 33 | 26 | 12 | 14 | ... | ... | 5 | 3 | ... | 18 | 4 | 4 | 8 | 55 | 43 |
| 23 | | " Suburbs ... | 11,474 | 9 | 9 | 18 | 11 | 9 | 2 | ... | ... | 5 | ... | ... | 6 | ... | 1 | 1 | 82 | 50 |
| 24 | | Rahon ... | 11,763 | 1 | 1 | 2 | 3 | ... | 3 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 9 | 13 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 20 | 30 | 50 | 25 | 10 | 15 | ... | ... | 14 | ... | 1 | 10 | 4 | 6 | 10 | 59 | 30 |
| 26 | | Jagraon ... | 16,873 | 11 | 9 | 20 | 19 | 10 | 9 | ... | ... | 5 | ... | ... | 14 | 5 | 3 | 8 | 62 | 59 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 10 | 5 | 15 | 24 | 16 | 8 | ... | ... | 9 | 2 | ... | 13 | 4 | 2 | 6 | 37 | 60 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 9 | 10 | 19 | 26 | 12 | 14 | ... | ... | 9 | 3 | ... | 14 | 8 | 5 | 13 | 31 | 43 |
| 29 | | " Suburbs ... | 25,593 | 7 | 6 | 13 | 13 | 7 | 6 | ... | ... | 5 | 1 | ... | 7 | 2 | 2 | 4 | 27 | 27 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 8 | 11 | 19 | 6 | 3 | 3 | ... | ... | 2 | ... | 1 | 3 | ... | ... | ... | 79 | 25 |
| 31 | | Chiniot ... | 10,731 | 6 | 6 | 12 | 7 | 1 | 6 | ... | ... | 5 | ... | ... | 2 | ... | 3 | 3 | 59 | 34 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 39 | 39 | 78 | 126 | 70 | 56 | ... | ... | 57 | 3 | 1 | 65 | 10 | 12 | 22 | 42 | 68 |
| 33 | | " Suburbs ... | 41,670 | 6 | 13 | 19 | 28 | 19 | 9 | ... | ... | 10 | .. | ... | 18 | 1 | 1 | 2 | 24 | 35 |
| 34 | | Kasur ... | 17,336 | 7 | 2 | 9 | 11 | 8 | 3 | ... | ... | 7 | 2 | ... | 2 | 3 | ... | 3 | 27 | 33 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 55 | 62 | 117 | 166 | 91 | 75 | ... | ... | 63 | 5 | 2 | 96 | 12 | 22 | 34 | 42 | 60 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 6 | 20 | 12 | 8 | 4 | ... | ... | 9 | ... | ... | 3 | ... | ... | ... | 43 | 26 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 15 | 14 | 29 | 38 | 21 | 17 | ... | 7 | 6 | ... | 1 | 24 | 7 | 4 | 11 | 45 | 59 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 5 | 13 | 9 | 8 | 1 | ... | ... | 5 | 1 | ... | 3 | 3 | ... | 3 | 36 | 25 |
| 39 | | Jalalpur ... | 12,839 | 3 | 6 | 9 | 4 | 2 | 2 | ... | ... | ... | 1 | ... | 3 | 1 | ... | 1 | 37 | 16 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 12 | 9 | 21 | 22 | 10 | 12 | ... | 2 | 15 | ... | ... | 5 | 4 | 3 | 7 | 48 | 50 |
| 41 | | Wazirabad ... | 16,462 | 9 | 2 | 11 | 9 | 8 | 1 | ... | ... | 6 | ... | ... | 3 | 3 | ... | 3 | 35 | 29 |
| 42 | Shahpur ... | Bhera ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 4 | 6 | 8 | 6 | 2 | ... | ... | 4 | ... | ... | 4 | 2 | 1 | 3 | 19 | 25 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 3 | 9 | 11 | 7 | 4 | ... | ... | 6 | 2 | ... | 3 | ... | 1 | 1 | 28 | 34 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 7 | 10 | 17 | 23 | 14 | 9 | ... | ... | 11 | 4 | ... | 8 | 2 | 3 | 5 | 32 | 43 |
| 46 | Peshawar ... | Peshawar ... | 59,29 | 27 | 20 | 47 | 41 | 26 | 15 | ... | 6 | 22 | 1 | 1 | 11 | 5 | 7 | 12 | 41 | 36 |
| 47 | Kohat ... | Kohat ... | 13,49 | 6 | 4 | 10 | 10 | 5 | 5 | ... | ... | 3 | 2 | ... | 5 | ... | 2 | 2 | 39 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,98 | 3 | 8 | 11 | 16 | 9 | 7 | ... | ... | 11 | 3 | ... | 2 | 1 | 3 | 4 | 30 | 44 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,68 | 8 | 2 | 10 | 9 | 7 | 2 | ... | ... | 7 | ... | ... | 2 | 1 | 2 | 3 | 27 | 24 |
| | Birth and death rate of London for the week ending 11th January 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 33·2 | 32·4 |
| | Grand Total .. | | 1,296,165 | 503 | 466 | 969 | 1[illegible]60 | 599 | 461 | ... | 28 | 461 | 50 | 7 | 514 | 125 | 117 | 242 | 39 | 43 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... .. | | 12,305 | 1 | ... | 1 | 7 | 6 | 1 | ... | ... | 3 | 1 | ... | 3 | 1 | 1 | 2 | 4 | 30 |
| | Dharmsala ... ... ... .. | | 3,839 | 1 | 1 | 2 | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 27 | 14 |
| | Dalhousie ... ... ... .. | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree... ... ... ... .. | | 2,489 | ... | 1 | 1 | 1 | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 21 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 24th February 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 1st February 1890.*

*General Results.*—The return is incomplete, the registers for the district of Shahpur not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 12,367 against 13,224 in the previous week and 9,500 in the corresponding week of the past year, giving respectively an annual death-rate of 35·0, 37·4 and 26·9 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 163 deaths were registered against 144 in the previous week and 281 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,859 deaths against 9,763 in the previous week and 6,533 in the corresponding week of the past year. The death-rate from fevers has again fallen, especially in the Umballa, Ráwalpindi and Peshâwar Districts.

*Bowel complaints.*—From bowel complaints 275 deaths against 279 and 194.

*Chest disease.*—Nine hundred and thirty-six against 949 and 708.

*Snake-bite.*—Two against 2 and 0.

*Hydrophobia.*—Three against 0 and 1.

*All other causes.*—Two thousand one hundred and twenty-nine against 2,087 in the previous week and 1,782 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand eight hundred and eighty-nine deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,476 were males and 1,413 females.

*Births and Deaths in Municipal Towns.*—In the 48 large Municipal towns 1,060 deaths were registered (599 males and 461 females), giving a death-rate of 43 per mille of population; 969 births were registered (503 males and 466 females), giving a birth-rate of 39 per mille of population.

LAHORE:
*The 24th February* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—27.2-90—690.

No. 10 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 6, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 4th MARCH 1890.

| No | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder insufficient. | Rising. | Crops suffering for want of rain. | |
| 2 | Delhi ... | ... | ... | Do. | Crops on baráni lands withered for want of rain. | |
| 3 | Umballa ... | ... | ... | Do. | Almost all the rabi crops withering for want of rain. If rain does not fall soon, the wheat will be a total failure. | |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | Crops suffering for want of rain. | Cotton and sugar-cane ploughing commenced. |
| 5 | Ferozepore ... | ... | Fodder sufficient. | Stationary. | ... | |
| 6 | Amritsar ... | ... | Ditto. | Rising. | Irrigated crops average; baráni feeling want of rain. Locusts appeared on 27th. Alighted during night and passed toward Kapurthala without doing damage. Canal supply short owing to excessive demand. | |
| 7 | Siálkot ... | ... | Fodder insufficient. | Do. | Crops will suffer unless there is immediate rain. | |
| 8 | Lahore ... | Slight fall on 4th. | Fodder scarce. | Do. | Sowings of extra rabi in progress. Prospects of the standing crops on cháhi and nahri lands average and on baráni crops, bad. But in the Sharakpur Tahsíl, where there is no canal irrigation, the baráni crops are in a bad state. | Ploughings for kharif going on. |
| 9 | Mooltan ... | ... | Do. | Do. | Crops in fair condition at present, except on canal lands, where they are withering. Rain much wanted. | |
| 10 | Ráwalpindi ... | 0·11 at Ráwalpindi. 0·21 in Pindigheb. 0·16 in Kahúta 0·11 in Gujar Khan. 0·30 in Fattahjang 0·20 in Attock | Fodder sufficient, except in Pindigheb. | Do. | Crops below average. | |
| 11 | Shahpur ... | ... | Fodder sufficient. | ... | Crops withering for want of rain. | Tobacco and China being sown. |
| 12 | D. I. Khan ... | ... | Fodder-supply decreasing. | Stationary. | Rain urgently wanted. Storm of locusts visited Tánk and caused slight harm to the crops. | |
| 13 | Peshâwar ... | 0·33 | Fodder sufficient. | Rising. | Prospects average on abi lands. No sowings on baráni lands. Rain much wanted. | |

*GENERAL REMARKS.*

Slight rain has fallen in Lahore, Ráwalpindi and Peshâwar. Prices stationary in Ferozepore and Dera Ismail Khan and rising elsewhere. Sowings of extra rabi crops in progress. Ploughings for kharif commenced in Jullundur and Lahore and sowings in Shahpur. Crops are suffering for want of rain in most districts. If the rain does not fall soon the wheat will be a total failure in Umballa. Locusts visited Amritsar and Tánk (Dera Ismail Khan) and caused slight harm to the crops in the latter place. Fodder sufficient, except in Hissar, Jullundur, Lahore, Mooltan, Dera Ismail Khan and part of Ráwalpindi.

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 9th February* 1890. | | | | | | | | |
| | | | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | Sunday 9th. | | |
| Simla. | Kilba | 24th Jany ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 16th February* 1890. | | | | | | | | |
| | | | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th | Sunday 16th. | | |
| Simla. | Kilba *s* | 24th Jany. ... | ... | ... | 0·07 | ... | ... | 4·00 | 0·35 | 4·42 | |
| Lahore. | Manihála *C* ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 23rd FEBRUARY 1890

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of February 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | Total. | Special Remarks. |
| Hissar. | Sirsa | 13th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 4th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 22nd Jany. | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Hissar | Ditto | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Hánsi | Ditto | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 6th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C | 2nd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | 3rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 30th Augt. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Mehrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 8th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Jagádhri | 24th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra C | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur C | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki C | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádapur | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 23rd January | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | 24th Do. | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Simla | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba | 24th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Kulu | Ditto | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Nagar | 24th Jany. | 1·16 | ... | ... | 0·11 | 0·32 | ... | ... | 1·59 | |
| | Pálampur | 16th Feby. | 1·00 | ... | ... | 0·60 | ... | ... | ... | 1·60 | |
| | Hamirpur | Ditto | ... | ... | ... | 0·30 | 0·12 | ... | ... | 0·42 | |
| | Dera | 15th Feby. | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Kángra | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nurpur | Ditto | ... | ... | ... | 0·07 | ... | ... | ... | 0·07 | |
| Hoshiarpur. | Dasúya | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garshankar | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of February* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána *s* | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon ... | 17th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | Ditto ... | ... | ... | ... | ... | 0·07 | ... | ... | 0·07 | |
| | Ferozepore *s* | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city ... | Ditto ... | ... | ... | R. | R. | ... | ... | ... | ... | |
| | Muktsar ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi *s* | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan *s* | 24th Do. ... | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Kabírwála ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* *b* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* *b* | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsil ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur *s* | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie *s* | 16th Do. ... | 0·21 | ... | ... | 0·14 | ... | ... | 0·03 | 0·38 | |
| | Máchopur *C* *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh ... | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Sialkot. | Zafarwál ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | FALL OF RAIN ON EACH DAY OF THE WEEK. Month of February 1890. Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT.* | Sadr | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | *Rain urgently required. The Rabi crops are becoming bad in the Khárian and Gujrát Tahsíls, but they are good in Phalia. Green and dry fodder sufficient in Phalia, but the dry one is becoming scarce in the other two Tahsíls. The green fodder is obtained with difficulty. |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA.† | Rámnagar | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | †Crops are being injured for want of rain. Prices rising. Dry fodder sufficient. |
| | Wazirabad | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 17th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mananwála | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána C | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 19th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | 17th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | Ditto | ... | ... | ... | R. | ... | ... | R. | ... | |
| | Chakwál | Ditto | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Talagang | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 21st Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi | 15th Feby. | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Gujar Khan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| HAZARA. | Abbott-abad | 16th Feby. | ... | ... | ... | 0·05 | 0·14 | 0·01 | ... | 0·20 | |
| | Mansahra | Ditto | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Haripur | Ditto | ... | ... | ... | 0·04 | 0·46 | ... | 0·02 | 0·52 | |
| PESHAWAR. | Swábi | 22nd Jany. | ... | 0·02 | 0·05 | ... | 0·12 | ... | ... | 0·19 | |
| | Lahore (Utman Bolak) | 21st Do. | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Nowshera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán | 15th Feby. | ... | ... | 0·01 | ... | ... | ... | ... | 0·01 | |
| | Katlang | 22nd Jany. | ... | ... | ... | 0·15 | ... | ... | 0·01 | 0·16 | |
| | Hashtnagar | 18th Do. | ... | ... | ... | ... | 2·30 | ... | R. | 2·30 | |
| | Doáb Daudzai | Ditto | ... | ... | R. | R. | ... | ... | R. | ... | |
| | Pesháwar | 15th Feby. | ... | ... | 0·15 | 0·02 | ... | ... | ... | 0·17 | |
| KOHAT. | Kohát | 21st Jany. | ... | ... | ... | T. 0·17 | ... | ... | ... | 0·17 | |
| | Hangu | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | Ditto | ... | ... | ... | 0·31 | ... | ... | ... | 0·31 | |
| | Karak | 25th Jany. | ... | ... | ... | 0·13 | ... | ... | ... | 0·13 | |
| BANNU. | Miánwáli | 18th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | Ditto | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Bannu | 19th Jany. | ... | ... | ... | 0·13 | ... | ... | ... | 0·13 | |
| | Marwat | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Táck | 20th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 27th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 27th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Snowfall Report.

*Thal (Kohát District).*—The depth of snow on Sufed Koh (Spingher) measured about 12 inches to 1½ inches and on other passes from 3 to 6 inches.

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 8th FEBRUARY 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 1 | 2 | 3 | 13 | 10 | 3 | ... | ... | 3 | 1 | ... | 9 | 1 | ... | 1 | 11 | 48 |
| 2 | | Hansi ... | 12,656 | 5 | 2 | 7 | 22 | 13 | 9 | ... | ... | 12 | ... | ... | 10 | 2 | 3 | 5 | 29 | 91 |
| 3 | | Bhiwani ... | 33,762 | 18 | 6 | 24 | 41 | 17 | 24 | ... | ... | 16 | 4 | ... | 21 | 3 | 3 | 6 | 37 | [illegible] |
| 4 | | Sirsa ... | 12,292 | 2 | 6 | 8 | 12 | 7 | 5 | ... | ... | 3 | ... | ... | 9 | 2 | 3 | 5 | 34 | 51 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 3 | 3 | 6 | 5 | 1 | 4 | ... | ... | 1 | ... | ... | 4 | ... | 2 | 2 | 20 | 17 |
| 6 | | Jhajjar ... | 11,650 | 6 | 1 | 7 | 3 | 2 | 1 | ... | ... | 1 | ... | ... | 2 | 1 | ... | 1 | 31 | 13 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 12 | 13 | 25 | 13 | 5 | 8 | ... | 2 | 5 | 1 | ... | 5 | ... | 2 | 2 | 53 | 28 |
| 8 | | Palwal ... | 10,635 | 4 | 8 | 12 | 13 | 8 | 5 | ... | ... | 8 | 1 | ... | 4 | 2 | 1 | 3 | 59 | 64 |
| 9 | Delhi ... | Delhi ... | 117,363 | 47 | 52 | 99 | 87 | 46 | 41 | ... | 1 | 44 | 1 | ... | 41 | 9 | 4 | 13 | 44 | 39 |
| 10 | | " Suburbs ... | 52,882 | 13 | 8 | 21 | 18 | 12 | 6 | ... | ... | 14 | ... | ... | 4 | 1 | ... | 1 | 21 | 18 |
| 11 | | Sonepat ... | 13,077 | 4 | 3 | 7 | 7 | 2 | 5 | ... | ... | 7 | ... | ... | ... | ... | ... | ... | 28 | 28 |
| 12 | Karnal ... | Karnal ... | 23,133 | 8 | 8 | 16 | 28 | 16 | 12 | ... | 3 | 10 | 1 | ... | 14 | 3 | 5 | 8 | 37 | 63 |
| 13 | | Kaithal ... | 14,754 | 5 | 9 | 14 | 11 | 6 | 5 | ... | 2 | 2 | 3 | ... | 4 | 1 | ... | 1 | 49 | 39 |
| 14 | | Panipat ... | 26,572 | 5 | 8 | 13 | 10 | 3 | 7 | ... | ... | 6 | 2 | ... | 4 | ... | ... | ... | 26 | 20 |
| 15 | Umballa ... | Umballa ... | 26,777 | 10 | 6 | 16 | 15 | 5 | 10 | ... | ... | 6 | ... | ... | 9 | 3 | 3 | 6 | 31 | 29 |
| 16 | | Jagadhri ... | 12,300 | 2 | 7 | 9 | 7 | 3 | 4 | ... | ... | 1 | ... | ... | 4 | 1 | ... | 1 | 38 | [illegible] |
| 17 | | Shahabad ... | 10,218 | 1 | 1 | 2 | 1 | 1 | ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | 10 | 5 |
| 18 | | Sadhaura ... | 10,794 | 3 | 4 | 7 | 6 | 3 | 3 | ... | ... | 2 | 1 | ... | 3 | ... | 1 | 1 | 34 | 29 |
| 19 | | Rupar ... | 10,326 | 7 | 7 | 14 | 6 | 4 | 2 | ... | ... | 2 | 1 | ... | 3 | 1 | 2 | 3 | 71 | 30 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 8 | 3 | 11 | 6 | 5 | 1 | ... | ... | 2 | ... | ... | 4 | 2 | ... | 2 | 43 | 24 |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 6 | 12 | 8 | 3 | 5 | ... | ... | 7 | ... | ... | 1 | 2 | 1 | 3 | 61 | 41 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 9 | 13 | 22 | 21 | 7 | 14 | ... | ... | 13 | 1 | ... | 7 | 2 | 3 | 5 | 37 | 35 |
| 23 | | " Suburbs ... | 11,474 | 8 | 10 | 18 | 5 | 3 | 2 | ... | ... | 1 | ... | ... | 4 | 1 | 1 | 2 | 82 | 23 |
| 24 | | Rahon ... | 11,763 | 6 | 3 | 9 | 7 | 4 | 3 | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 40 | 31 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 26 | 12 | 38 | 27 | 11 | 16 | ... | ... | 11 | ... | ... | 16 | 4 | 5 | 9 | 45 | 32 |
| 26 | | Jagraon ... | 16,873 | 8 | 8 | 16 | 25 | 14 | 11 | ... | ... | 10 | ... | ... | 15 | 3 | ... | 3 | 49 | 77 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 6 | 6 | 12 | 11 | 7 | 4 | ... | 2 | 6 | ... | ... | 3 | 2 | ... | 2 | 30 | 27 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 25 | 6 | 31 | 23 | 14 | 9 | ... | ... | 9 | 2 | ... | 12 | 2 | 6 | 8 | 51 | 38 |
| 29 | | " Suburbs ... | 25,593 | 8 | 8 | 16 | 21 | 12 | 9 | ... | ... | 6 | 5 | ... | 10 | 5 | 2 | 7 | 33 | 43 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 4 | 3 | 7 | 11 | 5 | 6 | ... | ... | 4 | ... | ... | 7 | 4 | 4 | 8 | 29 | 46 |
| 31 | | Chiniot ... | 10,731 | 6 | 7 | 13 | 5 | 2 | 3 | ... | ... | 1 | 1 | ... | 3 | 2 | 2 | 4 | 63 | 24 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 34 | 35 | 69 | 102 | 50 | 52 | ... | ... | 44 | ... | ... | 58 | 9 | 10 | 19 | 37 | 55 |
| 33 | | " Suburbs ... | 41,670 | 5 | 7 | 12 | 31 | 23 | 8 | ... | ... | 16 | 3 | ... | 12 | 3 | 1 | 4 | 15 | 39 |
| 34 | | Kasur ... | 17,336 | 12 | 6 | 18 | 9 | 5 | 4 | ... | ... | 8 | ... | ... | 1 | 1 | 2 | 3 | 54 | 27 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 43 | 50 | 93 | 125 | 55 | 70 | ... | ... | 51 | 1 | 2 | 71 | 8 | 16 | 24 | 34 | 45 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 7 | 21 | 11 | 5 | 6 | ... | ... | 8 | ... | ... | 3 | 2 | 1 | 3 | 45 | 24 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 9 | 2 | 11 | 26 | 15 | 11 | ... | 5 | 6 | ... | ... | 15 | 3 | 1 | 4 | 17 | 40 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 4 | 9 | 7 | 6 | 1 | ... | ... | 3 | ... | ... | 4 | 2 | 1 | 3 | 25 | 19 |
| 39 | | Jalalpur ... | 12,839 | 4 | 3 | 7 | 2 | 1 | 1 | ... | ... | ... | ... | ... | 2 | 1 | 1 | 2 | 28 | 8 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 14 | 9 | 23 | 10 | 5 | 5 | ... | ... | 4 | ... | ... | 6 | 1 | 2 | 3 | 52 | 23 |
| 41 | | Wazirabad ... | 16,462 | 9 | 5 | 14 | 11 | 5 | 6 | ... | ... | 6 | ... | ... | 5 | 3 | 2 | 5 | 44 | 35 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 7 | 5 | 12 | 16 | 11 | 5 | ... | ... | 9 | 2 | ... | 5 | 1 | ... | 1 | 41 | 55 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 6 | 1 | 7 | 3 | 2 | 1 | ... | ... | 1 | ... | ... | 2 | 1 | ... | 1 | 22 | 9 |
| 44 | | Pind Dadan Khan ... | 16,724 | 5 | 5 | 10 | 11 | 9 | 2 | ... | ... | 10 | ... | ... | 1 | ... | ... | ... | 31 | 34 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 8 | 9 | 17 | 21 | 10 | 11 | ... | ... | 9 | 5 | ... | 7 | 3 | 2 | 5 | 32 | 39 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 19 | 40 | 39 | 16 | 23 | ... | 7 | 16 | 2 | 1 | 13 | 3 | 6 | 9 | 35 | 34 |
| 47 | Kohat ... | Kohat ... | 13,490 | 2 | 4 | 6 | 11 | 5 | 6 | ... | ... | 7 | ... | ... | 4 | ... | 2 | 2 | 23 | 43 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 5 | 11 | 8 | 5 | 3 | ... | ... | 3 | 4 | ... | 1 | 2 | 1 | 3 | 30 | 22 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 3 | 7 | 7 | 7 | ... | ... | ... | 6 | ... | ... | 1 | 4 | ... | 4 | 19 | 19 |
| | Birth and death rate of London for the week ending 18th January 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32·0 | 32·1 |
| | Grand Total ... | | 13,11,330 | 484 | 418 | 902 | 938 | 486 | 452 | ... | 22 | 427 | 42 | 3 | 444 | 106 | 101 | 207 | 36 | 37 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... ... | | 12,305 | 1 | 2 | 3 | 7 | 2 | 5 | ... | ... | 5 | ... | ... | 2 | 1 | 3 | 4 | 13 | 30 |
| | Dharmsala ... ... ... ... | | 3,839 | 2 | 1 | 3 | 2 | ... | 2 | ... | ... | ... | ... | ... | 2 | ... | 1 | 1 | 41 | 27 |
| | Dalhousie ... ... ... ... | | 870 | ... | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 60 |
| | Murree... ... ... ... ... | | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**Note.**—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 1st March 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 8th February 1890.*

*General Results.*—The return is incomplete, the registers for the district of Bannu not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 11,671 against 12,363 in the previous week and 10,510 in the corresponding week of the past year, giving respectively an annual death-rate of 32·9, 34·8 and 29·6 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 171 deaths were registered against 163 in the previous week and 318 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,127 deaths against 8,796 in the previous week and 7,136 in the corresponding week of the past year. The registered mortality from fevers continues to decrease; the reduction is greatest in the districts of Gujránwála, Jhelum, Dera Ismail Khan and Muzaffargarh.

*Bowel complaints.*—From bowel complaints 279 deaths against 283 and 234.

*Chest disease.*—Eight hundred and ninety-two against 948 and 772.

*Snake-bite.*—Three against 2 and 1.

*Hydrophobia.*—One against 3 and 4.

*All other causes.*—Two thousand one hundred and ninety-eight against 2,168 in the previous week and 2,044 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand eight hundred and seventy-two deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,514 were males and 1,358 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 938 deaths were registered (486 males and 452 females), giving a death-rate of 37 per mille of population; 902 births were registered (484 males and 418 females), giving a birth-rate of 36 per mille of population.

LAHORE :
*The* 1*st March* 1890.

A. STEPHEN, *Surgeon-Major*,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—6 3-90—690.

No. 11 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 13, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 11th MARCH 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | Slight rainfall. | Fodder insufficient. | Rising. | Crops withered. | |
| 2 | Delhi ... | 0·33 | ... | Stationary. | Crops on baráni lands not improved. | — |
| 3 | Umballa ... | 0·80 | ... | Do. | More rain required. If none falls soon wheat crops will fail. | |
| 4 | Jullundur ... | 0·47 | Fodder insufficient. | Do. | Crops suffering for want of rain. | Cotton and sugar-cane ploughing in progress. |
| 5 | Ferozepore ... | 0·17 in Zíra. 0·20 in Sadr. | Fodder ample. | Do. | ... | |
| 6 | Amritsar ... | 0·24 average. | Fodder sufficient. | ... | Irrigated crops average; baráni poor. Small swarm of locusts passed over Tahsíl Tarn Táran from Lahore and returned without doing damage. Canal supply short owing to excessive demand. | |
| 7 | Siálkot ... | Slight rainfall. | Fodder insufficient. | Rising. | Recent rain has done no benefit to the crops on baráni lands. | |
| 8 | Lahore ... | 0·46 at Lahore. 0·27 in Chunián. 0·63 in Kasúr. 0·58 in Sharakpur. | Fodder scarce. | Stationary. | Sowings of extra rabi going on. The standing crops have to some extent been benefited by rain. | Ploughings for kharif in progress. |
| 9 | Mooltan ... | ... | Fodder scarce in Ráwa. | Rising. | Crops withering. Rain much wanted. | |
| 10 | Ráwalpindi ... | 0·48 at Ráwalpindi. 1·20 in Fattahjang 0·53 in Kahúta. 0·60 in Attock. 0·48 in Gújar Khan. | Fodder sufficient, except in Pindigheb. | Do. | Crops below average. | |
| 11 | Shahpur ... | Slight rainfall. | Fodder scarce. | Stationary. | Crops withering for want of rain. | |
| 12 | D. I. Khan ... | ... | Fodder-supply decreasing. | Rising. | Crops suffering. Rain urgently wanted. | |
| 13 | Peshâwar ... | 0·30 | Fodder sufficient. | Do. | Prospects average on abi lands. No sowings on baráni lands. Rain much wanted. | |

*GENERAL REMARKS.*

Rain has fallen in all districts except in Mooltan and Dera Ismail Khan. Prices rising in six districts and stationary in others. Sowings of extra rabi and ploughings for kharif in progress in some districts. Crops are suffering in most districts for want of rain. The wheat crop will fail in Umballa if rain does not fall soon, Fodder sufficient, except in Hissar, Jullundur, Siálkot, Lahore, Shahpur and parts of Mooltan and Ráwalpindi.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING JANUARY 1890.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | Humidity. | Vapour tension. | Amount of cloud ; 10=overcast. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A.M. | Variation from normal. | Mean direction and force, Jany. 1890. | Normal direction and force, Jany. | 8 A.M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | | | |
| Delhi ... | 30·036 | —028 | S. 85° W. 1 | N. 77° W. 3 | 51·7 | 75·9 | + 4·9 | 48·4 | + 0·3 | + 2·6 | 59 | ·232 | 2 |
| Sirsa ... | 30·026 | —056 | N. 71° W. 5 | N. 23° W. 3 | 46·7 | 76·6 | + 5·8 | 43·3 | + 0·9 | + 3·4 | 74 | ·240 | 4 |
| Ludhiána ... | 30·009 | —070 | N. 36° W. 2 | N. 56° W. 1 | 47·0 | 71·9 | + 4·3 | 43·8 | + 0·3 | + 2·3 | 75 | ·249 | 4 |
| Lahore ... | 30·028 | —054 | N. 39° E. 2 | N. 25° W. 2 | 45·9 | 72·7 | + 5·1 | 41·3 | — 1·1 | + 2·0 | 78 | ·246 | 3 |
| Siálkot ... | 30·010 | —060 | N. 4° E. 2 | N. 57° W. 1 | 47·1 | 70·9 | + 4·2 | 42·6 | — 0·3 | + 2·0 | 79 | ·262 | |
| Ráwalpindi ... | 30·044 | —033 | N. 63° W. 3 | N. 72° W. 2 | 44·0 | 66·6 | + 3·3 | 38·1 | + 0·2 | + 1·8 | 71 | ·212 | 4 |
| Peshówar ... | 30·069 | —041 | S. 22° W. 3 | S. 11° E. 2 | 44·4 | 68·4 | + 4·4 | 40·8 | + 1·7 | + 3·1 | 67 | ·201 | 4 |
| Dera Ismail Khan ... | 30·045 | —054 | N. 38° W. 1 | N. 7° W. 1 | 46·1 | 72·7 | + 3·5 | 41·5 | + 1·0 | + 2·3 | 61 | ·194 | 3 |
| Mooltan ... | 30·038 | —049 | N. 18° W. 1 | N. 9° W. 2 | 50·1 | 75·1 | + 5·4 | 44·9 | + 2·6 | + 4·0 | 61 | ·229 | 3 |
| Simla ... | 23·218 | —027 | S. 37° E. ... | S. 31° W. 2 | 43·7 | 55·4 | + 4·2 | 40·9 | + 4·5 | + 4·4 | 47 | ·127 | 4 |
| Murree ... | 23·847 | —006 | S. 64° E. 8 | S. 54° E. 8 | 43·5 | 55·3 | + 7·5 | 39·3 | + 3·8 | + 5·7 | 40 | ·106 | 5 |

THE weather observations for the present month contained in the table given above confirm the reputation for dryness which the present season has acquired from the observations of September, October, November and December of 1889. In ordinary years this Province throughout January is liable to the appearance of well developed cyclonic storms which break up the high pressure area and change the weather from fine and dry to wet and unsettled. During January 1890 this incursion of unsettled weather has occurred only twice, and has then been slight in character, short-lived and mostly confined to the hill or submontane parts of the Province. The first of these incursions commenced on the 15th in Balúchistán, when rain fell at Quetta with a southerly wind. On the 16th the barometer was falling fast all over the Province, and during the day rain occurred at all stations except those in the extreme south, *viz.*, Mooltan, Sirsa and Delhi. This rain continued and indeed intensified during the 17th and 18th, but at the best was but a slight fall, the largest amount recorded on the plains being ¼ of an inch at Ludhiána and Dera Ismail Khan, and 0·38 inch at Ráwalpindi. By the morning of the 19th it had altogether ceased. On the 21st rain commenced again in the extreme north-west, and continued to fall in showers at the stations along the line of the hills until the 23rd after which the weather cleared, and there was no further rain during the month.

*Pressure*—has been low compared with the average in all parts of the Province both on the hills and plains. Much of this deficiency has probably been attributable to the high temperature which has prevailed throughout

almost the whole month, as the deficiency is much less at the elevation of 7,000 feet than at that of the plains. It appears also to be part of a general deficiency prevailing over the whole of India, so that compared with surrounding regions, the Punjab as in normal years has been the seat of the highest pressures throughout India.

*Temprature.*—As mentioned above, the mean temperature of the month has been high. The absence of snow on the hills and of rain on the plains resulted in steadily excessive heat all over the Province for the greater part of the month. On the 18th a wave of cold commenced which by the 19th had spread to all parts of the Province, but by the 20th it had passed away, and the mean was again everywhere excessive. On the 24th a second cold period commenced which lasted until the 28th when a recovery commenced at Peshâwar, and had spread to most stations by the 31st. On the plains the warmest place relatively to the average was Mooltan, and on the hills was Murree.

*Rain.*—The table at the close of the summary shows that the rainfall has again been abnormally light. At every station in the Province it has been less than the average, and at Mooltan and Sirsa there has been none at all. The heaviest fall was at Simla, 1¾ inches, followed by 1¼ inches at Murree and 1 inch at Siálkot. At Pesháwar, Rávalpindi, Murree, Ludhiána and Delhi the month's deficiency exceeds one inch.

The following table gives the rainfall data for the Punjab stations for January 1890:—

| Stations. | Normal average rainfall in January. | Actual rainfall in January, 1890. | Difference from the average in January 1890. |
|---|---|---|---|
| *Punjab, West.* | Inches. | Inches. | Inches. |
| Mooltan ... ... ... ... ... | 0·39 | ... | —0·39 |
| Dera Ismail Khan ... ... ... ... ... | 0·48 | 0·33 | —0·15 |
| Pesháwar ... ... ... ... ... | 1·63 | 0·50 | —1·13 |
| Murree ... ... ... ... ... ... | 2·62 | 1·33 | —1·29 |
| Báwalpindi ... ... ... ... ... | 2·68 | 0·74 | —1·94 |
| Khusháb ... ... ... ... ... ... | ? | 0·13 | ? |
| Siálkot ... ... ... ... ... ... | 1·80 | 1·03 | —0·77 |
| Lahore ... ... ... ... ... ... | 0·93 | 0·30 | —0·63 |
| Montgomery ... ... ... ... ... | ? | 0·41 | ? |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 1·78 | 0·31 | —1·47 |
| Simla ... ... ... ... ... ... | 2·50 | 1·74 | —0·76 |
| Delhi ... ... ... ... ... ... | 1·36 | 0·35 | —1·01 |
| Sirsa ... ... ... ... ... ... | 0·92 | ? | —0·92 |

SIMLA:
*The 28th Eebruary 1890.*

W. L. DALLAS,
*Meteorological Reporter to the Government of Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 18 | 18 | 26 | 28 | 24 | ... | ... | ... | 10 | 10 | 10 | 25 | 27 | 23 | 21 | 23 | 20 |
| Rohtak ... | 16 | 17 | 17 | 22 | 24 | 20 | ... | ... | ... | 10 | 10 | 11 | 22 | 23 | 24 | 19 | 21 | 21 |
| Gurgaon ... | 16 | 17 | 19 | 24 | 25 | 26 | ... | ... | ... | 10 | 11 | 9 | 24 | 25 | 25 | 19 | 20 | 23 |
| Delhi ... | 15 | 17 | 17 | 21 | 23 | 23 | ... | ... | ... | 12 | 12 | 12 | 20 | 22 | 23 | 18 | 19 | 19 |
| Karnál ... | 16 | 17 | 18 | 24 | 25 | 25 | ... | ... | ... | 11 | 11 | 11 | 20 | 24 | 27 | 20 | 21 | 18 |
| Umballa ... | 17 | 18 | 20 | 25 | 26 | 26 | ... | ... | ... | 11 | 11 | 12 | 24 | 24 | 25 | 22 | 24 | 17 |
| Simla ... | 13 | 13 | 13 | 20 | 20 | § | ... | ... | ... | 9 | 9 | 9 | 15 | 15 | 16 | 13 | 13 | 14 |
| Kángra ... | 16 | 17 | 13 | 24 | 25 | 18 | ... | ... | ... | 11 | 11 | 12 | 14 | 13 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 20 | 21 | 20 | 28 | 30 | 28 | ... | ... | ... | 10 | 10 | 12 | 28 | 28 | 26 | 22 | 22 | 20 |
| Jullundur ... | 18 | 20 | 20 | 26 | 28 | 28 | ... | ... | ... | 8 | 8 | 8 | 24 | 28 | 28 | 20 | 20 | 20 |
| Ludhiána ... | 17 | 19 | 21 | 26 | 32 | 30 | ... | ... | ... | 12 | 12 | 12 | 22 | 27 | 29 | 24 | 23 | 23 |
| Ferozepore ... | 19 | 19 | 21 | 32 | 31 | 28 | ... | ... | ... | 10 | 11 | 10 | 26 | 26 | 24 | 24 | 24 | 22 |
| Mooltan ... | 16 | 16 | 16 | 29 | 29 | 26 | ... | ... | ... | 10 | 10 | 11 | 25 | 25 | 23 | 20 | 21 | 18 |
| Jhang ... | 16 | 17 | 19 | 31 | 32 | 30 | ... | ... | ... | 9 | 9 | 10 | 23 | 23 | 25 | 22 | 21 | 20 |
| Montgomery ... | 18 | 18 | 18 | 28 | 27 | 24 | ... | ... | ... | 11 | 9 | 9 | 24 | 24 | 22 | 20 | 20 | 15 |
| Lahore ... | 16 | 17 | 17 | 28 | 36 | 27 | ... | ... | ... | 11 | 11 | 9 | 25 | 30 | 27 | 18 | 18 | 18 |
| Amritsar ... | 17 | 19 | 19 | 27 | 29 | 28 | ... | ... | ... | 10 | 11 | 11 | 22 | 22 | 24 | 21 | 20 | 19 |
| Gurdáspur ... | 18 | 17 | 18 | 22 | 22 | 24 | ... | ... | ... | 14 | 14 | 12 | 20 | 19 | 23 | 14 | 14 | 14 |
| Siálkot ... | 17 | 16 | 18 | 28 | 27 | 28 | ... | ... | ... | 13 | 13 | 13 | 22 | 28 | 24 | 22 | 22 | 24 |
| Gujrát ... | 19 | 19 | 18 | 29 | 32 | 27 | ... | ... | ... | 13 | 13 | 9 | 30 | 26 | 23 | 22 | 23 | 21 |
| Gujránwála ... | 16 | 17 | 19 | 29 | 30 | 26 | ... | ... | ... | 12 | 12 | 10 | 23 | 25 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 20 | 33 | 33 | 25 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 26 | 24 | 24 | 22 |
| Jhelum ... | 17 | 18 | 17 | 30 | 27 | 23 | ... | ... | ... | 12 | 14 | 8 | 25 | 24 | 22 | 21 | 22 | 20 |
| Ráwalpindi ... | 17 | 18 | 16 | 35 | 35 | 24 | ... | ... | ... | 13 | 13 | 12 | 35 | 28 | 20 | 23 | 22 | 19 |
| Hazára ... | 19 | 21 | 14 | 32 | 36 | 19 | ... | ... | ... | 12 | 12 | 11 | 20 | 20 | § | 22 | 22 | 14 |
| Pesháwar ... | 19 | 18 | 15 | 45 | 41 | 24 | ... | ... | ... | 11 | 11 | 10 | 35 | 35 | 24 | 21 | 21 | 15 |
| Kohát ... | 23 | 23 | 13 | 43 | 45 | 19 | ... | ... | ... | 16 | 14 | 11 | 30 | 30 | 18 | 27 | 30 | 16 |
| Bannu ... | 25 | 25 | 18 | 53 | 54 | 23 | ... | ... | ... | 15 | 15 | 10 | 40 | 40 | 20 | 31 | 31 | 18 |
| D. I. Khan ... | 20 | 20 | 18 | 39 | 42 | 33 | ... | ... | ... | 9 | 9 | 8 | 35 | 35 | 26 | 31 | 30 | 25 |
| D. G. Khan ... | 17 | 17 | 18 | 28 | 28 | 21 | ... | ... | ... | 8 | 8 | 9 | 25 | 25 | 23 | 23 | 23 | 20 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 23 | ... | ... | ... | 13 | 13 | 12 | 20 | 19 | 17 | 19 | 19 | 18 |

§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 28th FEBRUARY 1890.**

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 25 | 27 | 24 | |
| † | † | † | 16 | 16 | † | 23 | 24 | 26 | |
| † | † | † | † | † | † | 22 | 23 | 19 | |
| † | † | † | 12 | 13 | 12 | 21 | 22 | 25 | |
| 22 | 22 | 22 | 18 | 18 | 17 | 21 | 24 | 28 | |
| 20 | 20 | 20 | 9 | 9 | 10 | 22 | 26 | 27 | |
| 18 | 18 | 17 | 8 | 8 | 8 | 19 | 19 | 18 | |
| 24 | 25 | 24 | 8 | 8 | 8 | 22 | 22 | 18 | |
| 14 | 14 | 14 | 24 | 24 | 20 | 25 | 27 | 24 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 24 | 24 | |
| † | † | † | 16 | 20 | 20 | 22 | 27 | 28 | |
| † | † | † | 24 | 24 | 16 | 27 | 27 | 28 | |
| † | † | † | 26 | 26 | 24 | 20 | 21 | 19 | |
| 22 | 22 | 20 | 25 | 22 | 20 | 18 | 18 | 18 | |
| § | § | § | 32 | 32 | 20 | 24 | 25 | 21 | |
| § | § | § | 30 | 30 | 20 | 22 | 24 | 25 | |
| † | † | † | 20 | 19 | 21 | 23 | 24 | 24 | |
| † | † | † | 16 | 16 | 12 | 23 | 22 | 20 | |
| § | § | § | 28 | 28 | 22 | 23 | 22 | 24 | |
| † | † | † | 12 | 12 | 12 | 23 | 23 | 24 | |
| § | § | § | 18 | 18 | 10 | 23 | 25 | 23 | |
| 20 | 20 | 20 | 20 | 20 | 18 | 27 | 27 | 23 | |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 22 | 22 | 23 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 24 | 24 | 22 | |
| † | † | † | 16 | 16 | 12 | 19 | 21 | 17 | |
| † | † | † | 21 | 21 | 19 | 20 | 20 | 19 | |
| § | § | § | 20 | 32 | ‡ | 27 | 27 | 16 | |
| 8 | 9 | 8 | 8 | 9 | 8 | 35 | 35 | 20 | |
| § | § | 16 | 6 | 6 | 5 | 28 | 29 | 20 | |
| § | § | ‡ | § | § | § | 22 | 22 | 19 | |
| § | § | § | § | § | § | 20 | 21 | 13 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 28th Feby. 1890. | | Past fortnight ending 15th Feby. 1890. | | Corresponding fortnight of 1889. | |
| | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 18 | † | † | † | 100 | 100 | 85 | 12 2 | 12 0 | 12 4 | 12 0 | 12 0 | 11 8 |
| Rohtak ... | 18 | 18 | 18 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 11 0 | 12 0 | 12 0 |
| Gurgaon ... | 24 | 24 | 18 | 20 | 20 | 16 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 19 | 21 | 22 | 25 | 25 | 22 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 12 0 |
| Karnál ... | 24 | 25 | 24 | 21 | 21 | 19 | 160 | 160 | 130 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 22 | 27 | 26 | 20 | 20 | 20 | 140 | 140 | 140 | 13 0 | 13 0 | 12 0 | 12 0 | 13 0 | 12 0 |
| Simla ... | 20 | 20 | 19 | 11 | 11 | 10 | 65 | 65 | 65 | 10 4 | 9 8 | 9 4 | 8 12 | 9 8 | 9 0 |
| Kángra ... | 21 | 21 | 18 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 26 | 27 | 26 | 15 | 15 | 20 | 85 | 85 | 100 | 12 12 | 12 8 | 12 8 | 12 4 | 13 2 | 13 0 |
| Jullundur ... | 25 | 28 | 28 | ‡ | ‡ | ‡ | 90 | 90 | 90 | 12 8 | 12 0 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 22 | 28 | 30 | 13 | 14 | 14 | 110 | 120 | 110 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 8 |
| Ferozepore ... | 26 | 26 | 24 | 11 | 11 | 11 | 100 | 100 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 |
| Mooltan ... | 24 | 23 | 20 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Jhang ... | 23 | 24 | 20 | 10 | 10 | 10 | 240 | 200 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery ... | 28 | 24 | 20 | 12 | 12 | 12 | 200 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 23 | 26 | 24 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 23 | 24 | 25 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Gurdáspur ... | 24 | 24 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 22 | 22 | 23 | 12 | 12 | 14 | 120 | 120 | 160 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 23 | 23 | 21 | † | † | † | 120 | 120 | 120 | * | 13 12 | * | 13 8 | * | 13 0 |
| Gujránwála ... | 23 | 23 | 20 | § | § | § | 85 | 85 | 85 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 27 | 26 | 21 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 23 | 24 | 20 | ‡ | ‡ | 11 | 130 | 120 | 140 | 14 0 | 14 0 | 14 0 | 14 0 | ... | 14 0 |
| Báwalpindi ... | 29 | 29 | 20 | 26 | 24 | 18 | 90 | 85 | 98 | 13 12 | 13 8 | 13 12 | 13 8 | 14 0 | 13 12 |
| Hazára ... | 28 | 29 | 17 | † | † | † | 100 | 100 | 120 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 32 | 31 | 21 | 30 | 30 | 22 | 115 | 108 | 100 | 42 0 | 40 0 | 42 0 | 40 0 | 44 0 | 42 0 |
| Kohát ... | 33 | 33 | 18 | § | § | § | 160 | 125 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 50 0 |
| Bannu ... | 45 | 44 | 22 | 13 | 13 | 12 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 30 | 30 | 17 | 15 | 15 | § | 125 | 125 | 112 | 49 0 | 46 0 | 49 0 | 47 0 | 45 0 | 43 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 75 | 29 0 | 28 0 | 28 8 | 27 8 | 29 0 | 27 8 |
| Muzaffargarh | § | § | § | 9 | 11 | 9 | 100 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 28th FEBRUARY 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| Gur. | | | Cotton (Unginned). | | |
| Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 9 4 | 10 8 | 16 0 | 7 0 | 7 0 | 7 0 |
| 10 0 | 10 0 | 17 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 12 0 | 17 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 6 0 | 6 0 | 7 0 |
| 9 0 | 11 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 11 0 | 14 0 | 7 8 | 7 8 | 8 0 |
| 7 12 | 7 12 | 7 8 | 2 4 | 2 4 | 2 8 |
| | | | | | |
| 9 0 | 9 0 | 9 0 | 8 0 | 7 0 | 8 0 |
| 9 4 | 9 8 | 13 0 | 7 8 | 7 8 | 8 0 |
| 10 0 | 12 0 | 14 0 | 8 0 | 7 0 | 7 0 |
| 10 0 | 9 0 | 12 0 | 8 0 | 8 0 | 10 0 |
| 11 8 | 11 0 | 12 0 | 8 8 | 8 8 | 8 8 |
| | | | | | |
| 9 0 | 9 0 | 11 0 | 7 0 | 7 0 | 6 12 |
| 9 0 | 9 8 | 12 0 | 8 0 | 8 0 | 9 0 |
| 10 0 | 10 8 | 11 0 | 10 0 | 9 0 | 8 0 |
| 8 8 | 9 0 | 13 0 | 8 1 | 8 1 | 7 4 |
| 10 0 | 11 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 12 8 | 12 8 | 15 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 12 0 | 12 0 | 16 0 | 9 0 | 9 0 | 10 0 |
| 11 0 | 12 0 | 13 0 | 9 0 | 10 0 | 8 0 |
| 13 0 | 12 0 | 13 0 | 9 0 | 9 0 | 8 0 |
| 10 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 10 8 | 12 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| 10 8 | 11 0 | 10 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 9 8 | § | § | § |
| 9 4 | 9 10 | 10 0 | 9 0 | 9 0 | 6 7 |
| 11 0 | 12 0 | 11 0 | 10 0 | 10 0 | 7 12 |
| | | | | | |
| 15 0 | 15 0 | 17 0 | 8 12 | 8 12 | 8 12 |
| 11 0 | 12 0 | 12 0 | 9 1 | 9 1 | 9 6 |
| 7 13 | 8 2 | 9 6 | 8 8 | 8 8 | 8 12 |
| 8 0 | 9 0 | 10 0 | 8 0 | 8 0 | 8 0 |

§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 119 seers as compared with 117 seers in last fortnight and 119 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 130 | 160 | 160 |
| Hoshiárpur | ... | 100 | 85 | 85 |
| Lahore | ... | 95 | 85 | 85 |
| Siálkot | ... | 160 | 120 | 120 |
| Kohát | ... | 125 | 125 | 163 |
| D. G. Khan | ... | 75 | 125 | 125 |

*Lahori Salt.*—Prices average 12 seers 1 chatak as compared with 12 seers 1 chatak in last fortnight and 12 seers 4 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs C. | Srs. C. |
| Umballa | ... | 12 0 | 12 0 | 13 0 |
| Ludhiána | ... | 12 8 | 13 0 | 13 0 |
| Amritsar | ... | 13 0 | 12 0 | 12 0 |
| Gujrát | ... | 13 0 | 13 0 | 13 8 |

*Kohát Salt.*—Prices average 42 seers 13 chataks as compared with 42 seers 14 chataks in last fortnight and 40 seers 8 chataks in corresponding period of 1889. The following are the chief variations:—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Kohát | ... | 50 | 60 | 60 |
| D. I. Khan | ... | 43 | 47 | 46 |

*Gur.*—Prices average 10 seers 1 chatak as compared with 10 seers 8 chataks in last fortnight and 12 seers 13 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Gurgaon | ... | 17 0 | 12 0 | 10 0 |
| Jullundur | ... | 14 0 | 12 0 | 10 0 |
| Amritsar | ... | 15 0 | 11 0 | 10 0 |
| Siálkot | ... | 16 0 | 12 0 | 12 0 |
| Pesháwar | ... | 10 0 | 9 10 | 9 4 |
| Muzaffargarh | ... | 10 0 | 9 0 | 8 0 |

*Cotton (Unginned).*—Prices average 8 seers 6 chataks as compared with 8 seers 5 chataks in last fortnight and 8 seers 1 chatak in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Delhi | ... | 7 0 | 6 0 | 6 0 |
| Ludhiána | ... | 10 0 | 8 0 | 8 0 |
| Montgomery | ... | 8 0 | 9 0 | 10 0 |
| Jhelum | ... | 8 0 | 10 0 | 10 0 |
| Peháwar | ... | 6 7 | 9 0 | 9 0 |
| D. I. Khan | ... | 9 6 | 9 1 | 9 1 |

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 16 | 18 | 18 | 22 | 24 | 24 | ... | ... | ... | 13 | 13 | 13 | 21 | 23 | 24 | 19 | 20 | 20 | † | † | ... |
| Ferozepore ... | 19 | 19 | 21 | 32 | 31 | 28 | ... | ... | ... | 10 | 11 | 10 | 26 | 26 | 24 | 24 | 24 | 22 | † | † | ... |
| Mooltan ... | 16 | 16 | 16 | 30 | 30 | 27 | ... | ... | ... | 11 | 11 | 12 | 26 | 26 | 24 | 21 | 22 | 19 | † | † | ... |
| Lahore ... | 17 | 18 | 18 | 29 | 37 | 28 | ... | ... | ... | 11 | 12 | 10 | 26 | 31 | 28 | 20 | 20 | 20 | § | § | ... |
| Amritsar ... | 18 | 19 | 20 | 28 | 30 | 28 | ... | ... | ... | 11 | 11 | 11 | 23 | 23 | 24 | 22 | 21 | 19 | † | † | ... |
| Peshâwar .. | 20 | 19 | 16 | 47 | 43 | 25 | ... | ... | ... | 12 | 12 | 11 | 36 | 37 | 25 | 22 | 22 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE
28th FEBRUARY 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 28th Feby. 1890. | Past fortnight ending 15th Feby. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 13 | 14 | 13 | 22 | 23 | 26 | 20 | 22 | 23 | 26 | 26 | 23 | 9 0 | 9 0 | 13 0 | 7 0 | 7 0 | 8 0 | |
| 24 | 24 | 16 | 28 | 27 | 28 | 26 | 26 | 24 | 11 | 11 | 11 | 11 12 | 11 4 | 12 0 | 8 8 | 8 8 | 8 8 | |
| 27 | 27 | 25 | 20 | 22 | 20 | 24 | 24 | 21 | † | † | ... | 9 8 | 9 4 | 12 0 | 7 8 | 7 8 | 7 0 | |
| 31 | 31 | 22 | 24 | 25 | 26 | 24 | 27 | 25 | 13 | 13 | 13 | 9 0 | 9 4 | 7 4 | 8 3 | 8 3 | 7 8 | |
| 21 | 20 | 21 | 24 | 25 | 25 | 24 | 25 | 25 | † | † | ... | 11 0 | 12 0 | 15 0 | 8 8 | 8 0 | 8 0 | |
| 22 | 22 | 20 | 21 | 21 | 20 | 33 | 32 | 22 | 31 | 31 | 23 | 9 7 | 10 0 | 11 0 | 9 4 | 9 4 | 7 0 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | *Week ending* 16*th February* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | | Date of fall last reported. | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th | Sunday 16th. | Total. | Special Remarks. |
| Ludhiana. | Jagráon | ... | 17th Jany. ... | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| Montgomery. | Gurgoon | ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | 0·06 | 0·06 | |
| | Montgomery | s | Ditto ... | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Pákpattan | ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | ... | 22nd Jany. ... | ... | ... | ... | ... | ... | R. | 0·01 | 0·01 | |
| | | | | *Week ending* 23*rd February* 1890. | | | | | | | | |
| | | | | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | | |
| Delhi. | Ballabgarh | ... | 23rd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pípli | ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | ... | 24th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | s | 17th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rupar | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kilba | s | 16th Feby. ... | ... | ... | 0·45 | 0·08 | ... | ... | 0·09 | 0·62 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 2nd MARCH 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Months of February and March 1890. Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 1st. | Sunday 2nd. | Total. | Special Remarks. |
| Hissar. | Sirsa | 13th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 4th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 6th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 2nd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpúr | 3rd Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 30th Augt. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 8th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 16th Feby. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Jagádhri | 24th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur *C* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 23rd January | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | 17th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla | 25th Jany. | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| | Kot Khái | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba | 23rd Feby. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 19th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Kulu | 21st Do. | ... | 0·30 | 0·90 | ... | ... | ... | 0·61 | 1·81 | |
| | Nagar | 20th Do. | ... | 0·10 | ... | ... | ... | R. | 1·00 | 1·10 | |
| | Pálampur | 21st Do. | ... | ... | ... | ... | ... | ... | 0·70 | 0·70 | |
| | Hamirpur | 16th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Dera | 15th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Kángra | 16th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Dharmsála | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Months of February and March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 1st. | Sunday 2nd. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Nawashahr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána *s* | 15th Do. ... | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Jagraon ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore *s* | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Natháne ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi *s* | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | 12th Do. ... | ... | ... | ... | ... | ... | 0·04 | ... | 0·04 | |
| | Mooltan *s* | 24th Do. ... | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Kabírwála ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 22nd Jany. ... | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Montgomery *s* | Ditto ... | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Pákpattan ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* *b* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* *b* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsíl ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur *s* | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Patháukot ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie *s* | 23rd Do. ... | ... | ... | ... | ... | ... | ... | 0·06 | 0·06 | |
| | Mádhopur *C* *b* | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Sialkot. | Zafarwál ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Months of February and March* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 1st. | Sunday 2nd. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr * | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujrát ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián ... | Ditto | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Phália ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar ... | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad ... | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri * | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 17th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh * | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 19th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khushâb ... | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur * | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | 17th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station * | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál ... | 17th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb ... | 15th Feby. | ... | ... | ... | ... | ... | 0·21 | ... | 0·21 | |
| | Fatahjang ... | Ditto. | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Attock ... | 21st Jany. | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Ráwalpindi * | 20th Feby. | ... | ... | ... | ... | ... | 0·10 | 0·01 | 0·11 | |
| | Gujar Khan ... | 15th Do. | ... | ... | ... | ... | ... | 0·11 | ... | 0·11 | |
| | Kahúta ... | Ditto | ... | ... | ... | ... | ... | 0·16 | ... | 0·16 | |
| | Murree * | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| HAZARA. | Abbott-abad * | 22nd Feby. | ... | ... | ... | ... | ... | ... | 0·26 | 0·26 | |
| | Mansahra ... | 21st Do. | ... | ... | ... | ... | ... | ... | 0·22 | 0·22 | |
| | Haripur ... | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| PESHAWAR. | Swábi ... | 21st Feby. | ... | ... | ... | ... | ... | 0·23 | ... | 0·23 | |
| | Lahore (Utman Bolak) | 21st Jany. | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Nowshera ... | 19th Feby. | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Mardán * | 23rd Do. | ... | ... | ... | ... | ... | 0·31 | ... | 0·31 | |
| | Katlang ... | 21st Do. | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Hashtnagar ... | 18th Jany. | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| | Doáb Daudzai ... | Ditto | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| | Peshávar * | 20th Feby. | ... | ... | ... | ... | ... | 0·33 | ... | 0·33 | |
| KOHAT. | Kohát * | 20th Feby. | ... | ... | ... | ... | ... | T. 0·20 | ... | 0·20 | |
| | Hangu ... | 21st Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 20th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli ... | 18th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Locusts appeared at Bannu in Marwat and Isakhel, but moved towards bills without injuring crops. |
| | Isa Khel ... | 20th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu * | Ditto | ... | ... | ... | ... | ... | 0·35 | ... | 0·35 | |
| | Marwat ... | 15th Feby. | ... | ... | ... | ... | ... | 0·08 | ... | 0·08 | |
| DERA ISMAIL KHAN. | Tánk ... | 20th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan * | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh ... | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Dera Ghazi Khan * | 18th Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro * | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 27th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 20th August | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Muzaffargarh * | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 27th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Snowfall Report.

*Murree (Ráwalpindi District).*—The snowfall during the month of January 1890, was measured 1 foot 10 inches.

*Kahuta (Ráwalpindi District).*—The depth of snow on Kahuta bills during February 1890, was measured about 6 inches.

## MEMO. OF ERRORS.

*For the week ending 16th February* 1890.

Against Dafthu (Lahore District) *read* 0·25 instead of 0·15 in columns 10 and 11.

## STATEMENT No. I.

### IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1889 ON PERENNIAL CANALS.

*Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Districts. | Area in acres. | Cultivated area in acres. | Area Irrigated. | | Comparison with last Crop. | | Rainfall in Kharif Months. | | | | | | | | | | | | | |
| | | | | | | | April. | | May. | | June. | | July. | | August. | | September. | | Total. | |
| | | | Kharif 1889. | Kharif 1888. | Increase. | Decrease. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. |
| Umballa ... ... | 1,644,849 | 951,890 | 1,448 | 2,099 | ... | 651 | ... | ... | 0·2 | 0·4 | 2·7 | 0·5 | 12·2 | 9·8 | 4·7 | 8·9 | ... | 20·2 | 19 8 | 39·8 |
| Karnál ... ... | 1,533,990 | 680,319 | 32,569 | 34,296 | ... | 1,727 | ... | 1·1 | 1·1 | 0·8 | 1·2 | 13·2 | 12·4 | 4·1 | 4·7 | 11·8 | 1·0 | 0·8 | 20·4 | 31·8 |
| Rohtak ... ... | 1,159,350 | 906,022 | 38,042 | 31,550 | 6,492 | ... | ... | 1·6 | ... | 1·8 | 0·5 | 4·1 | 3·7 | 5·2 | 5·0 | 4·7 | ... | 0·7 | 9·2 | 18 1 |
| Delhi ... ... | 804,933 | 525,676 | 30,891 | 27,765 | 3,126 | ... | ... | 0·8 | 0·8 | 0·7 | 0·9 | 2·1 | 9·4 | 8·7 | 12·6 | 5·8 | ... | 0·3 | 23·7 | 18 4 |
| Hissar ... ... | 2,265,428 | 1,161,761 | 48,283 | 41,273 | 7,010 | ... | 0·4 | ... | 0·9 | ... | 0·9 | 0·6 | 3·1 | 5·7 | 9·5 | 2·4 | ... | 2·0 | 14·8 | 10 7 |
| Jínd State ... ... | ... | ... | 23,953 | (1) 29,785 | ... | 5,832 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bíkaner State ... ... | ... | ... | 412 | 311 | 101 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalsia State ... ... | ... | ... | 980 | 1,179 | ... | 199 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total W. J. Canal ... | 7,408,550 | 4,225,668 | 176,578 | 168,258 | 16,729 | 8,409 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gurdáspur ... ... | 1,168,314 | 856,230 | 22,421 | 23,250 | ... | 829 | 0·4 | ... | 0·7 | 0·1 | 0·7 | 0·4 | 13·1 | 8·8 | 8·1 | 11·2 | 1·2 | 1·6 | 24·2 | 22·1 |
| Amritsar ... ... | 1,006,798 | 766,773 | 78,098 | 80,988 | ... | 2,890 | 0 1 | ... | 1·9 | ... | 2·8 | 1·0 | 3·9 | 4·6 | 10·4 | 13·5 | 0·1 | ... | 19·2 | 19·1 |
| Lahore ... ... | 2,334,552 | 1,164,921 | 106,312 | (2) 119,800 | ... | 13,488 | 0·2 | 0·1 | 0·5 | 0·1 | 0·2 | 0·5 | 5·6 | 4·4 | 4·0 | 9 4 | 0·1 | 0·4 | 10·6 | 14·9 |
| Total Bári Doáb Canal ... | 4,509,664 | 2,787,924 | (3) 206,831 | 224,038 | ... | 17,207 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ludhiána ... ... | 882,167 | 729,009 | 11,564 | 11,019 | 545 | ... | ... | ... | 0·55 | ... | 0·7 | 1·8 | 10·4 | 3·3 | 6·7 | 7·1 | 1·1 | 9·8 | 19·45 | 22·0 |
| Ferozepore ... ... | 1,761,280 | 1,344,000 | 69,396 | 89,070 | ... | 29,674 | ... | 0·1 | 0·8 | 0·2 | 0·4 | 0·6 | 9·7 | 6·7 | 3·1 | 0·7 | 0·6 | 7·7 | 14·6 | 16·0 |
| Hissar ... ... | Shown | above. | 1,052 | 456 | 596 | ... | 0·4 | ... | 0·9 | ... | 0·9 | 0·6 | 8·1 | 5·7 | 9·5 | 2·4 | ... | 2·0 | 14·8 | 10·7 |
| Farídkot State ... ... | ... | ... | 11,997 | 19,387 | ... | 7,390 | 0·2 | ... | 0·4 | ... | ... | ... | 5·6 | 3·3 | 6·7 | 6·4 | ... | 0·3 | 12·9 | 10·0 |
| Nábha Do. ... ... | ... | ... | 4,755 | 5,569 | ... | 814 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Patiála Do. ... ... | ... | ... | 10,329 | 11,619 | ... | 1,290 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jínd Do. ... ... | ... | ... | 174 | 83 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalsia Do. ... ... | ... | ... | 762 | 837 | ... | 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total Sirhind Canal ... | 2,643,447 | 2,073,009 | 100,029 | 138,040 | 1,232 | 39,243 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshávar ... ... ... | 1,602,560 | 905,600 | 23,859 | 33,915 | ... | 10,056 | 2·1 | ... | 0·1 | 0·2 | ... | ... | 6·8 | 1·0 | 3·6 | 3·1 | ... | ... | 12·6 | 4·3 |
| Total Swát River Canal ... | 1,602,560 | 905,600 | 23,859 | 33,915 | ... | 10,056 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| GRAND TOTAL ... | 16,164,221 | 9,992,201 | 507,297 | 564,251 | 17,961 | 74,915 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The rainfall on the Western Jumna and Sirhind Canals during Kharíf 1888, shown in this return, differs from that given in the return for that crop.

(1).—As reported by the State officials.
(2).—This is the correct acreage and differs from that shown in the return for Kharíf 1888.
(3).—Includes 6,150 acres as approximate irrigated area of Changa Manga Plantation.

| | | | |
|---|---|---|---|
| Area irrigated in Kharíf 1889 | ... | 507,297 | acres. |
| Ditto ditto 1888 | ... | 564,251 | „ |
| Net decrease | ... | 56,954 | „ |

LAHORE:
*The 7th March* 1890.

F. J. HOME, LIEUT.-COL., R. E.,
*Offg. Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

## STATEMENT No. II.

### Irrigation Operations of the Kharif Crop of 1889.

*Statement in Acres of Crops irrigated in Canal Districts.*

| Description of Crops. | Umballa. | Karnál. | Rohtak. | Delhi. | Hissar. | Jínd State, W. J. Canal. | Jínd, Sirhind Canal. | Bikaner State. | Kálsia State. | Gurdáspur. | Amritsar. | Lahore. | Ludhiána. | Ferozepore. | Farídkot State. | Nábha State. | Patiála State. | Pesháwar. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sugar-cane ... | 89 | 4,126 | 9,838 | 12,310 | 23 | | ... | ... | 54 | 6,639 | 5,738 | 4,372 | 590 | 147 | 19 | 7 | 24 | 870 | 44,846 |
| Rice ... | 1,345 | 11,389 | 2,639 | 6,994 | 9,368 | | ... | ... | 907 | 12,523 | 27,339 | 15,375 | 2 | 14 | 5 | ... | ... | 1,995 | 89,895 |
| Cotton ... | 1 | 10,404 | 12,071 | 4,779 | 19,778 | | 28 | 270 | 83 | 946 | 7,805 | 18,870 | 1,250 | 4,954 | 1,810 | 579 | 829 | 2,328 | 86,785 |
| | | | | | | 23,953 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23,953 |
| Indigo ... | ... | 4,949 | 12,029 | 2,507 | 14,100 | | ... | 19 | ... | ... | ... | 158 | ... | 455 | 1 | ... | ... | 9 | 34,227 |
| Maize ... | ... | 260 | 4 | 154 | 64 | | 24 | ... | 360 | 1,425 | 21,429 | 29,042 | 5,479 | 12,994 | 3,892 | 2,032 | 2,748 | 14,309 | 94,216 |
| Jowár and bájra | 3 | 444 | 390 | 881 | 2,898 | | 20 | 3 | 202 | ... | 115 | 9,967 | 1,000 | 31,010 | 3,695 | 600 | 3,586 | 1,692 | 56,506 |
| Others ... | 10 | 997 | 1,071 | 3,266 | 3,104 | | 102 | 120 | 136 | 888 | 15,672 | 28,528 | 3,243 | 9,822 | 2,575 | 1,537 | 3,142 | 2,656 | 76,869 |
| Total Kharif, 1889. | 1,448 | 32,569 | 38,042 | 30,891 | 49,335 | 23,953 | 174 | 412 | 1,742 | 22,421 | 78,098 | 106,312 | 11,564 | 59,396 | 11,997 | 4,755 | 10,329 | 23,859 | 507,297 |
| Total Kharif, 1888. | 2,099 | 34,296 | 31,550 | 27,765 | 41,729 | 29,785 | 83 | 311 | 2,016 | 23,250 | 80,988 | * 119,800 | 11,019 | 89,070 | 19,387 | 5,569 | 11,619 | 33,915 | 564,251 |

Lahore:
*The 7th March* 1890.

* This is the correct acreage, and differs from that shown in the return for Kharif 1888.

F. J. HOME, Lieut.-Colonel, R. E.,
*Offg. Joint-Secy. to Govt., Punjab,*
*P. W. D., Irrigation Branch.*

## STATEMENT No. III.

### Irrigation Operations of the Kharif Crop of 1889.

*Statement in Acres of Crops irrigated in Canal Divisions.*

| Description of Crops. | Western Jumna Canal. | | | Jínd State, Western Jumna Canal. | Bari Doab Canal. | | | Sirhind Canal. | | | Swát River Canal Division. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Karnál Division. | Delhi Division. | Total. | | 1st Division. | 2nd Division. | Total. | Ludhiána Division. | Ferozepore Division. | Total. | | |
| Sugar-cane ... ... | 2,347 | 24,092 | 26,439 | ... | 7,615 | 9,134 | 16,749 | 639 | 149 | 788 | 870 | 44,846 |
| Rice ... ... | 20,139 | 12,503 | 32,642 | ... | 16,999 | 38,238 | 55,237 | 9 | 12 | 21 | 1,995 | 89,895 |
| Cotton ... ... | 28,060 | 19,235 | 47,295 | ... | 6,430 | 21,191 | 27,621 | 2,972 | 6,569 | 9,541 | 2,328 | 86,785 |
| | ... | ... | ... | 23,953 | ... | ... | ... | ... | ... | ... | ... | 23,953 |
| Indigo ... ... | 21,014 | 12,590 | 33,604 | ... | ... | 158 | 158 | ... | 456 | 456 | 9 | 34,227 |
| Maize ... ... | 320 | 165 | 485 | ... | 16,001 | 35,895 | 51,896 | 15,849 | 11,677 | 27,526 | 14,309 | 94,216 |
| Jowar and Bajra ... | 2,314 | 1,382 | 3,696 | ... | ... | 10,082 | 10,082 | 3,804 | 37,232 | 41,036 | 1,692 | 56,506 |
| Others ... ... | 3,751 | 4,713 | 8,464 | ... | 11,910 | 33,178 | 45,088 | 11,833 | 8,828 | 20,661 | 2,656 | 76,869 |
| Total Kharif, 1889 ... | 77,945 | 74,680 | 152,625 | 23,953 | 58,955 | 147,876 | 206,831 | 35,106 | 64,923 | 100,029 | 23,859 | 507,297 |
| Total Kharif, 1888 ... | 71,624 | 66,849 | 138,473 | 29,785 | 61,030 | 163,008 | * 224,038 | 35,985 | 102,055 | 138,040 | 33,915 | 564,251 |

* This is the correct acreage and differs from that shown in the Statement for Kharif 1888.

Lahore:
*The 7th March* 1890.

F. J. HOME, Lieut.-Col., R. E.,
*Offg. Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 15th FEBRUARY 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 2 | 5 | 10 | 7 | 3 | ... | 1 | 1 | ... | ... | 8 | 1 | ... | 1 | 18 | 37 |
| 2 | | Hansi ... | 12,656 | 3 | 5 | 8 | 27 | 17 | 10 | ... | ... | 18 | ... | ... | 9 | 4 | 1 | 5 | 33 | 111 |
| 3 | | Bhiwani ... | 33,762 | 15 | 13 | 28 | 49 | 26 | 23 | ... | ... | 5 | 4 | ... | 40 | 3 | 1 | 4 | 43 | 76 |
| 4 | | Sirsa ... | 12,292 | 3 | 5 | 8 | 11 | 7 | 4 | ... | ... | 4 | ... | ... | 7 | 4 | 3 | 7 | 34 | 47 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | 6 | 12 | 14 | 6 | 8 | ... | ... | 5 | 1 | ... | 8 | ... | ... | ... | 40 | 46 |
| 6 | | Jhajjar ... | 11,650 | 4 | 4 | 8 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | 1 | ... | 1 | 36 | 18 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 11 | 10 | 21 | 13 | 8 | 5 | ... | 5 | 3 | ... | ... | 5 | 1 | 1 | 2 | 45 | 28 |
| 8 | | Palwal ... | 10,635 | 7 | 2 | 9 | 6 | 1 | 5 | ... | ... | 4 | ... | ... | 2 | ... | ... | ... | 44 | 29 |
| 9 | Delhi ... | Delhi ... | 117,363 | 41 | 3 | 71 | 93 | 48 | 45 | ... | ... | 53 | 4 | ... | 36 | 5 | 11 | 16 | 32 | 41 |
| 10 | | " Suburbs ... | 52,882 | 20 | 16 | 36 | 17 | 9 | 8 | ... | ... | 12 | 1 | ... | 4 | ... | 1 | 1 | 35 | 17 |
| 11 | | Sonepat ... | 13,077 | 3 | 7 | 10 | 10 | 3 | 7 | ... | ... | 7 | ... | 1 | 2 | ... | 2 | 2 | 40 | 40 |
| 12 | Karnal ... | Karnal ... | 23,133 | 6 | 2 | 8 | 17 | 10 | 7 | ... | 1 | 9 | 3 | ... | 4 | ... | ... | ... | 18 | 38 |
| 13 | | Kaithal ... | 14,754 | 6 | 8 | 14 | 4 | 3 | 1 | ... | ... | ... | ... | ... | 4 | 1 | 1 | 2 | 49 | 1[illegible] |
| 14 | | Panipat ... | 26,572 | 8 | 9 | 17 | 21 | 14 | 7 | ... | ... | 16 | ... | ... | 5 | 2 | 1 | 3 | 33 | 41 |
| 15 | Umballa ... | Umballa ... | 26,777 | 11 | 7 | 18 | 20 | 11 | 9 | ... | ... | 9 | 1 | ... | 10 | 2 | ... | 2 | 36 | 39 |
| 16 | | Jagadhri ... | 12,300 | 2 | 3 | 5 | 3 | 1 | 2 | ... | ... | ... | ... | ... | 3 | 1 | 1 | 2 | 21 | 13 |
| 17 | | Shahabad ... | 10,218 | 3 | 2 | 5 | 4 | 2 | 2 | ... | 1 | 1 | ... | ... | 2 | ... | 1 | 1 | 26 | 20 |
| 18 | | Sadhaura ... | 10,794 | ... | 5 | 5 | 4 | 1 | 3 | ... | ... | 3 | ... | ... | 1 | 1 | ... | 1 | 24 | 19 |
| 19 | | Rupar ... | 10,326 | 5 | 5 | 10 | 10 | 3 | 7 | ... | ... | 4 | ... | ... | 6 | ... | 1 | 1 | 50 | 50 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 2 | 6 | 8 | 5 | 3 | 2 | ... | ... | ... | ... | ... | 5 | 1 | 1 | 2 | 31 | 20 |
| 21 | | Tanda and Urmar ... | 10,295 | 8 | 7 | 15 | 10 | 7 | 3 | ... | ... | 7 | ... | ... | 3 | 1 | ... | 1 | 76 | 51 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 13 | 28 | 41 | 23 | 14 | 9 | ... | ... | 10 | 1 | ... | 12 | 4 | 3 | 7 | 69 | 38 |
| 23 | | " Suburbs ... | 11,474 | 10 | 7 | 17 | 8 | 4 | 4 | ... | ... | 4 | 2 | ... | 2 | 1 | 1 | 2 | 77 | 36 |
| 24 | | Rahon ... | 11,763 | 4 | 3 | 7 | 6 | 3 | 3 | ... | ... | 5 | ... | ... | 1 | 1 | 2 | 3 | 31 | 27 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 14 | 31 | 34 | 17 | 17 | ... | ... | 22 | ... | ... | 12 | 3 | 3 | 6 | 37 | 40 |
| 26 | | Jagraon ... | 16,873 | 5 | 7 | 12 | 21 | 13 | 8 | ... | ... | 7 | ... | ... | 14 | 2 | 2 | 4 | 37 | 65 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 10 | 6 | 16 | 14 | 7 | 7 | ... | 1 | 8 | 2 | ... | 3 | 1 | 1 | 2 | 40 | 35 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 6 | 18 | 24 | 18 | 11 | 7 | ... | ... | 8 | 4 | ... | 6 | 4 | 2 | 6 | 39 | 29 |
| 29 | | " Suburbs ... | 25,593 | 9 | 5 | 14 | 17 | 10 | 7 | ... | ... | 7 | ... | ... | 10 | 4 | 3 | 7 | 29 | 35 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 1 | 6 | 3 | 3 | ... | ... | ... | 1 | ... | ... | 2 | 2 | ... | 2 | 25 | 12 |
| 31 | | Chiniot ... | 10,731 | 12 | 1 | 13 | 9 | 4 | 5 | ... | ... | 3 | ... | 2 | 4 | 1 | 2 | 3 | 63 | 44 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 48 | 34 | 82 | 101 | 56 | 45 | ... | ... | 41 | ... | ... | 60 | 11 | 7 | 18 | 44 | 54 |
| 33 | | " Suburbs ... | 41,670 | 6 | 6 | 12 | 22 | 15 | 7 | ... | ... | 17 | 1 | ... | 4 | 1 | 1 | 2 | 15 | 28 |
| 34 | | Kasur ... | 17,336 | 6 | 7 | 13 | 8 | 3 | 5 | ... | ... | 5 | ... | 1 | 2 | ... | ... | ... | 39 | 24 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 60 | 57 | 117 | 138 | 80 | 58 | ... | ... | 43 | 6 | 1 | 88 | 14 | 14 | 28 | 42 | 50 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 17 | 15 | 32 | 18 | 13 | 5 | ... | 2 | 9 | ... | ... | 7 | 2 | ... | 2 | 69 | 39 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 15 | 19 | 34 | 41 | 16 | 25 | ... | 6 | 5 | 2 | ... | 28 | 4 | 2 | 6 | 52 | 63 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 9 | 14 | 13 | 8 | 5 | ... | ... | 7 | 1 | ... | 5 | 1 | 2 | 3 | 39 | 36 |
| 39 | | Jalalpur ... | 12,839 | 5 | 4 | 9 | 9 | 5 | 4 | ... | ... | 3 | ... | ... | 6 | 1 | ... | 1 | 37 | 37 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 6 | 9 | 15 | 11 | 6 | 5 | ... | 2 | 5 | 1 | 1 | 2 | 2 | 2 | 4 | 34 | 25 |
| 41 | | Wazirabad ... | 16,462 | 9 | 4 | 13 | 15 | 11 | 4 | ... | ... | 7 | 2 | ... | 6 | 3 | 1 | 4 | 41 | 48 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 12 | 2 | 14 | 9 | 7 | 2 | ... | ... | 4 | ... | ... | 5 | 1 | 1 | 2 | 48 | 31 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 3 | 5 | 4 | 1 | 3 | ... | ... | 4 | ... | ... | ... | ... | 1 | 1 | 16 | 13 |
| 44 | | Pind Dadan Khan ... | 16,724 | 7 | 4 | 11 | 16 | 9 | 7 | ... | ... | 12 | 1 | ... | 3 | 1 | 2 | 3 | 34 | 50 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 14 | 14 | 28 | 30 | 19 | 11 | ... | ... | 16 | 5 | ... | 9 | 2 | 1 | 3 | 53 | 56 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 30 | 19 | 49 | 35 | 22 | 13 | ... | 2 | 14 | 3 | 1 | 15 | 5 | 3 | 8 | 43 | 31 |
| 47 | Kohat ... | Kohat ... | 13,490 | 9 | 8 | 17 | 13 | 7 | 6 | ... | ... | 6 | 1 | ... | 6 | 1 | 2 | 3 | 66 | 50 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 3 | 1 | 4 | 8 | 3 | 5 | ... | ... | 3 | 2 | ... | 3 | ... | ... | ... | 11 | 22 |
| 49 | D. G. Khan ... | Dera Ghazi Khan ... | 19,687 | 8 | 5 | 13 | 5 | 2 | 3 | ... | ... | 3 | ... | ... | 2 | ... | 1 | 1 | 35 | 13 |
| Birth and death rate of London for the week ending 25th January 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·6 | 26·3 |
| Grand Total ... | | | 13,11,330 | 520 | 464 | 984 | 1001 | 558 | 443 | ... | 21 | 443 | 48 | 7 | 482 | 100 | 85 | 185 | 39 | 40 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | | |
| Simla ... | | | 12,305 | 2 | ... | 2 | 3 | ... | 3 | ... | ... | ... | 1 | ... | 2 | ... | 1 | 1 | 8 | 13 |
| Dharmsala ... | | | 3,839 | 1 | 3 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 54 | ... |
| Dalhousie ... | | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree ... | | | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 10th March 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 15th February 1890.*

*General Results.*—The return is incomplete, the registers for the Rural Circle of Guhela in the district of Karnál not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 11,958 against 11,790 in the previous week and 8,676 in the corresponding week of the past year, giving respectively an annual death-rate of 33·2, 32·7 and 24·1 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 164 deaths were registered against 168 in the previous week and 289 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,444 deaths against 8,243 in the previous week and 5,785 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 262 deaths against 282 and 209.

*Chest disease.*—Nine hundred and forty-seven against 887 and 645.

*Snake-bite.*—Three against 3 and 3.

*Hydrophobia.*—Three against 1 and 3.

*All other causes.*—Two thousand one hundred and thirty-five against 2,206 in the previous week and 1,742 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand eight hundred and forty-seven deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,532 were males and 1,315 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,001 deaths were registered (558 males and 443 females), giving a death-rate of 40 per mille of population; 984 births were registered (520 males and 464 females), giving a birth-rate of 39 per mille of population.

LAHORE: The 10th March 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of January 1890 as compared with the same month of the previous year.*

| | Staples. | Total 1889. | Total 1888. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 2,573 | 2,090 | 483 | ... |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 10,764 | 7,155 | 3,609 | ... |
| | Do., intermediate and half-pressed ... | 170 | 1,122 | ... | 952 |
| | Do., unpressed ... | 1,447 | 774 | 673 | ... |
| III | Cotton twist and yarn ... | 342 | 321 | 21 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 1,024 | 1,429 | ... | 405 |
| | (2) Indian ... | 559 | 546 | 13 | ... |
| V | Drugs and medicines ... | 24 | 23 | 1 | ... |
| VI | Dye roots and colours ... | 292 | 307 | ... | 15 |
| VII | Firewood ... | 2,360 | 1,296 | 1,064 | ... |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 5,606 | 4,683 | 923 | ... |
| | (2) Other grains ... | 20,681 | 25,318 | ... | 4,637 |
| IX | Hay and grass ... | 40 | 117 | ... | 77 |
| X | Hides and skins ... | 521 | 582 | ... | 61 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 62 | 92 | ... | 30 |
| | (2) Gunny bags ... | 746 | 741 | 5 | ... |
| XII | Leather manufactured ... | 35 | 142 | ... | 107 |
| XIII | Liquors, wines, spirits and beer ... | 297 | 173 | 124 | ... |
| XIV | Machinery ... | 37 | 28 | 9 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,331 | 431 | 900 | ... |
| | (2) Brass and Copper ... | 489 | 95 | 394 | ... |
| | (3) Zinc and Spelter ... | 90 | 41 | 49 | ... |
| | (4) Lead ... | 6 | 17 | ... | 11 |
| | (5) Others ... | 360 | 844 | ... | 484 |
| XVI | Military Stores ... | 900 | 156 | 744 | ... |
| XVII | Mowra flowers and seeds ... | 186 | 259 | ... | 73 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 402 | 130 | 272 | ... |
| | (2) Others ... | 178 | 235 | ... | 57 |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 495 | 180 | 315 | ... |
| | (2) Rape seed ... | 366 | 223 | 143 | ... |
| | (3) Other oil seeds ... | 4,331 | 607 | 3,724 | ... |
| XX | Opium ... | 51 | 57 | ... | 6 |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 542 | 840 | ... | 298 |
| | (2) Dried Fruits and Nuts ... | 446 | 601 | ... | 155 |
| | (3) Cocoanuts ... | 370 | 541 | ... | 171 |
| | (4) Oilman stores ... | 10 | 39 | ... | 29 |
| | (5) Fruits, green, and vegetables... | 906 | 1,605 | ... | 699 |
| | (6) Others ... | 160 | 173 | ... | 13 |
| XXII | Railway material and rolling stock ... | 8,220 | 8,859 | ... | 639 |
| XXIII | Salt ... | 18,795 | 15,151 | 3,644 | ... |
| XXIV | Saltpetre ... | 1,279 | 1,118 | 161 | ... |
| XXV | Silk, raw and manufactured ... | 6 | 285 | ... | 279 |
| XXVI | Spices ... | 243 | 229 | 14 | ... |
| XXVII | Sugar and jagri ... | 17,668 | 18,664 | ... | 996 |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 660 | 118 | 542 | ... |
| | (2) Others ... | 714 | 1,183 | ... | 469 |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 52 | 46 | 6 | ... |
| | (2) Indian ... | 13 | 10 | 3 | ... |
| XXX | Timber ... | 1,324 | 2,329 | ... | 1,005 |
| XXXI | Tobacco ... | 377 | 306 | 71 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 163 | 226 | ... | 63 |
| | (2) Piece-goods, woollen ... | 21 | 58 | ... | 37 |
| XXXIII | All other articles ... | 9,730 | 13,992 | ... | 4,262 |
| | Total ... | 118,464 | 116,587 | 17,907 | 16,030 |
| | *Net* Increase ... | ... | ... | 1,877 | ... |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 19th February 1890.*

J. O'CONNELL,
*Chief Auditor and Accountant.*

Punjab Government Press, Lahore—13-3-90—690.

No. 12 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 20, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 18th MARCH 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of — Rabi. | Prospects of — Kharíf. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder insufficient. | Rising. | Crops withered. | |
| 2 | Delhi ... | ... | Fodder scarce. | Stationary. | Condition of crops on baráni lands remains unaltered. | |
| 3 | Umballa ... | ... | ... | Do. | Wheat withering for want of rain. Outturn expected below average. | |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | Irrigated crops average. Unirrigated indifferent. | Cotton and sugarcane ploughings in progress. |
| 5 | Ferozepore ... | 0·18 in Moga. 0·12 in Zira. 0·10 at Sadr. | Fodder sufficient. | Do. | Rain slight, not enough for the crops on unirrigated land. | |
| 6 | Amritsar ... | ... | Do. | ... | Crops average; baráni poor. Poppy sowings completed. Locusts passed over Amritsar without doing damage. No great complaint of short canal supply. | |
| 7 | Siálkot ... | ... | ... | ... | Crops suffering for want of rain, and specially the baráni crops. | Tobacco, melon and sugarcane sowings commenced on well lands. |
| 8 | Lahore ... | ... | Fodder scarce. | Stationary. | Sowings of extra rabi in progress. Prospects of standing crops on chahi and nahri lands average, and of baráni crops bad. | Ploughings commenced. |
| 9 | Mooltan ... | ... | Fodder scarce in Ráwa. | Rising. | Crops withering. Rain much wanted. | |
| 10 | Ráwalpindi ... | 0·30 in Gujar Khan. | Fodder sufficient, except in Pindigheb. | Do. | Crops below average. | |
| 11 | Shahpur ... | ... | Fodder sufficient. | Stationary. | Crops below average. Rain much needed. | |
| 12 | D. I. Khan ... | ... | Fodder-supply decreasing. | Rising. | Crops suffering. Rain urgently wanted. | |
| 13 | Peshávar ... | ... | Fodder sufficient. | Do. | Prospects average on abi lands. No sowings on baráni lands. Rain much wanted. | |

*GENERAL REMARKS.*

Slight rain has fallen in parts of Ferozepore and Ráwalpindi. Prices rising in Hissar, Mooltan, Ráwalpindi, Dera Ismail Khan and Peshávar; stationary elsewhere. Sowings of extra rabi in progress in Lahore; ploughings and sowings for kharíf commenced in Jullundur, Siálkot and Lahore. Crops are said to be average in irrigated tracts, and indifferent elsewhere. Outturn is expected below average. More rain urgently needed throughout the Province. Fodder is reported scarce in Hissar, Delhi, Jullundur, Lahore, and parts of Mooltan and Ráwalpindi, Poppy sowings completed in Amritsar.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*,—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.— *T* = Thunder.
*H* = Hail.
*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 16th February 1890.* | | | | | | | | |
| | | | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | | |
| Kohat. | Kohát *s* | 21st Jany. ... | ... | ... | ... | ... | ... | ... | T. 0·12 | 0·12 | |
| | Hangu ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 25th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 2nd March 1890.* | | | | | | | | |
| | | | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th | Saturday 1st. | Sunday 2nd. | | |
| Simla. | Kilba *s* | 23rd Feby. ... | ... | 0·11 | ... | ... | ... | 0·68 | 0·26 | 1·05 | |
| Kangra. | Plách ... | 19th Feby. ... | ... | R. | ... | ... | ... | 0·04 | ... | 0·04 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 9th MARCH 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | Sunday 9th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 13th Feby. | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| | Fatahabad | 4th Septr. | ... | ... | 0·62 | ... | ... | ... | ... | 0·62 | |
| | Barwála | 22nd Jany. | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Hissar *s* | Ditto | ... | ... | 0·22 | ... | ... | ... | R. | 0·22 | |
| | Hánsi | Ditto | ... | 0·12 | ... | ... | ... | ... | ... | 0·12 | |
| | Bhiwáni | Ditto | ... | 0·09 | 0·08 | ... | ... | ... | ... | 0·17 | |
| | Budhláda | 6th Feby. | ... | ... | 0·43 | ... | ... | ... | ... | 0·43 | |
| | Dhaneta *C* | 2nd Septr. | ... | ... | 1·21 | ... | ... | ... | ... | 1·21 | |
| Rohtak. | Rohtak *s* | 23rd Jany. | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Gohána | Ditto | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 23rd Jany. | ... | 0·20 | 0·33 | ... | ... | ... | ... | 0·53 | |
| Gurgaon. | Farukhnagar | 22nd Jany. | ... | 0·24 | ... | ... | ... | ... | ... | 0·24 | |
| | Játusána | Ditto | ... | 0·11 | ... | ... | ... | ... | ... | 0·11 | |
| | Rewári | 30th August | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Shahjahánpur | 27th Do. | ... | 0·83 | ... | ... | ... | ... | ... | 0·83 | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Nuh | Ditto | ... | 0·70 | ... | ... | ... | ... | ... | 0·70 | |
| | Fírozpur | 3rd Septr. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Hattín | Ditto | ... | 0·16 | ... | ... | ... | ... | ... | 0·16 | |
| | Palwal | Ditto | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Sohna | Ditto | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Gurgaon *s* | 22nd Jany. | 0·25 | 0·10 | ... | ... | ... | ... | ... | 0·35 | |
| | Punahána | 30th Augt. | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| Delhi. | Ballabgarh | 23rd Jany. | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Mahrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Sadr (Delhi) *s* | Ditto | 0·20 | 0·13 | ... | ... | ... | ... | ... | 0·33 | |
| | Sonepat | Ditto | ... | 0·02 | 0·30 | ... | ... | ... | ... | 0·32 | |
| Karnal. | Pánipat | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | This is rather misleading as local showers fell in parts of the district during the week, *e. g.*, at Pehowa nearly $\frac{3}{10}$th of an inch on the 3rd instant, but there was no general rain anywhere. |
| | Karnál *s* | Ditto | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Rajaund | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 8th Septr. | ... | 1·23 | ... | ... | ... | ... | ... | 1·23 | |
| Umballa. | Pipli | 25th Feby. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Jagádhri | 24th Jany. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Umballa *s* | 17th Do. | ... | 0·80 | ... | ... | ... | ... | ... | 0·80 | |
| | Naráingarh | 16th Feby. | ... | 0·16 | 0·34 | ... | ... | ... | ... | 0·50 | |
| | Kharar | Ditto | ... | 1·72 | ... | ... | ... | ... | ... | 1·72 | |
| | Rúpar | Ditto | ... | 0·93 | ... | ... | ... | ... | ... | 0·93 | |
| | Kotra *C* | 28th August | ... | ... | 0·35 | ... | ... | ... | ... | 0·35 | |
| | Jodhpur *C* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 27th Do. | ... | 0·70 | ... | ... | ... | ... | ... | 0·70 | |
| | Dádupur *C* | 24th Septr. | ... | ... | 0·30 | ... | ... | ... | 0·03 | 0·33 | |
| Simla. | Kasauli *s* | 23rd January | ... | ... | 0·90 | ... | ... | ... | ... | 0·90 | |
| | Barauli | 17th Feby. | ... | ... | 0·73 | ... | ... | ... | ... | 0·73 | |
| | Simla *s* | 25th Do. | ... | ... | 0·86 | 0·12 | ... | ... | ... | 0·98 | |
| | Kot Khái | 15th Do. | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Kotgarh | Ditto | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Kilba *s* | 2nd March | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 1st March | ... | 0·67 | ... | ... | ... | ... | 0·33 | 1·00 | |
| | Kulu *s* | 2nd Do. | 0·09 | ... | 0·66 | ... | ... | ... | ... | 0·75 | |
| | Nagar | Ditto | ... | R. | 0·08 | ... | ... | ... | R. | 0·08 | |
| | Pálampur | Ditto | ... | ... | 1·00 | ... | ... | ... | ... | 1·00 | |
| | Hamirpur | 16th Feby. | ... | ... | 0·35 | ... | ... | ... | ... | 0·35 | |
| | Dera | 15th Do. | ... | R. | 0·11 | ... | ... | ... | ... | 0·11 | |
| | Kángra | 16th Do. | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| | Dharmsála *s* | 20th Do. | ... | 1·00 | ... | ... | ... | ... | ... | 1·00 | |
| | Núrpur | 16th Do. | ... | ... | 0·34 | ... | ... | ... | ... | 0·34 | |
| Hoshiarpur. | Dasúya | 16th Feby. | ... | ... | 0·48 | ... | ... | ... | ... | 0·48 | |
| | Una | 15th Do. | ... | 0·21 | ... | ... | ... | ... | 0·10 | 0·31 | |
| | Garhshankar | 23rd Jany. | ... | 0·35 | ... | ... | ... | ... | ... | 0·35 | |
| | Sadr Station | 16th Feby. | ... | ... | 0·37 | ... | ... | ... | ... | 0·37 | |
| | Hoshiárpur | 15th Do. | ... | 0·35 | ... | ... | ... | ... | 0·12 | 0·47 | |

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | | Date of fall last reported. | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | Sunday 9th. | Total. | Special Remarks. |
| Jullundur. | Jullundur | s | 16th Feby. ... | ... | 0·35 | ... | ... | ... | ... | ... | 0·35 | |
| | Nakodar | ... | Ditto ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Phillour | ... | Ditto ... | ... | 0·80 | ... | ... | ... | ... | ... | 0·80 | |
| | Nawashahr | ... | 2nd March ... | ... | ... | 0·24 | ... | ... | ... | ... | 0·24 | |
| Ludhiana. | Samrála | ... | 16th Feby. ... | ... | 0·77 | ... | ... | ... | ... | 0·20 | 0·97 | |
| | Ludhiána | s | 15th Do. ... | ... | 0·79 | ... | ... | ... | ... | 0·10 | 0·89 | |
| | Jagraon | ... | 2nd March ... | ... | 0·25 | ... | ... | ... | ... | 0·11 | 0·36 | |
| Ferozepore. | Moga | ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | ... | 21st Do. ... | ... | 0·17 | ... | ... | ... | ... | ... | 0·17 | |
| | Ferozepore | s | 15th Do. ... | ... | 0·20 | ... | ... | ... | ... | R. | 0·20 | |
| | Ferozepore city | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | s | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | ... | 1st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | s | 24th August ... | ... | ... | ... | ... | ... | R. | R. | ... | |
| | Kabírwála | ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | R. | ... | |
| Jhang. | Shorkot | ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | 0·05 | 0·05 | |
| | Jhang | s | Ditto ... | ... | ... | ... | ... | ... | ... | 0·08 | 0·08 | |
| | Chiniot | ... | Ditto ... | ... | ... | 0·31 | 0·35 | ... | ... | ... | 0·66 | |
| Montgomery. | Gugera | ... | 22nd Jany. ... | ... | 0·21 | ... | ... | ... | ... | 0·02 | 0·23 | |
| | Montgomery | s | Ditto ... | ... | 0·03 | ... | ... | ... | R. | ... | 0·03 | |
| | Pákpattan | ... | 24th August ... | ... | 0·22 | ... | ... | ... | ... | R. | 0·22 | |
| | Dipálpur | ... | 22nd Jany. ... | ... | 0·20 | ... | ... | ... | ... | R. | 0·20 | |
| Lahore. | Van *C* | b | 16th Feby. ... | ... | 0·10 | 0·31 | 0·12 | ... | ... | ... | 0·53 | |
| | Chunián | ... | 15th Do. ... | ... | ... | 0·27 | ... | ... | ... | ... | 0·27 | |
| | Kasúr | ... | Ditto ... | ... | ... | 0·30 | ... | ... | ... | 0·33 | 0·63 | |
| | Pambe *C* | b | 16th Feby. ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Sharakpur | ... | 15th Do. ... | ... | ... | 0·46 | 0·12 | ... | ... | ... | 0·58 | |
| | Niáz Beg *C* | ... | 16th Do. ... | ... | ... | 0·40 | ... | ... | ... | ... | 0·40 | |
| | Lahore | s | Ditto ... | ... | ... | 0·33 | 0·13 | ... | ... | ... | 0·46 | |
| | Meean Meer *C* | b | Ditto ... | ... | ... | 0·24 | 0·05 | ... | ... | ... | 0·29 | |
| | Manihála *C* | ... | Ditto ... | ... | ... | 0·28 | ... | ... | ... | ... | 0·28 | |
| | Dafthu *C* | ... | Ditto ... | ... | 0·10 | 0·25 | ... | ... | ... | ... | 0·35 | |
| Amritsar. | Buchar *C* | b | 16th Feby. ... | ... | ... | 0·41 | ... | ... | ... | ... | 0·41 | |
| | Khara *C* | ... | Ditto ... | ... | ... | 0·18 | ... | ... | ... | ... | 0·18 | |
| | Tarn Táran | ... | 15th Feby. ... | ... | 0·21 | ... | ... | ... | ... | 0·07 | 0·28 | |
| | Raya *C* | ... | 16th Do. ... | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Jandiála *C* | ... | Ditto ... | ... | ... | 0·27 | ... | ... | ... | ... | 0·27 | |
| | Jail Hospital | s | 15th Feby. ... | ... | 0·21 | ... | ... | ... | ... | R. H. | 0·21 | |
| | Amritsar Tahsíl | ... | Ditto ... | ... | 0·22 | ... | ... | ... | ... | R. H. | 0·22 | |
| | Amritsar *C* | ... | 16th Feby. ... | ... | ... | 0·22 | ... | ... | ... | ... | 0·22 | |
| | Buggeh *C* | ... | Ditto ... | ... | 0·32 | ... | ... | ... | ... | ... | 0·32 | |
| | Ajnála | ... | 15th Feby. ... | ... | 0·26 | ... | ... | ... | ... | ... | 0·26 | |
| Gurdaspur. | Aliwál *C* | ... | 16th Feby. ... | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Batála | ... | 15th Do. ... | ... | 0·42 | ... | ... | ... | ... | ... | 0·42 | |
| | Kaler *C* | ... | 16th Do. ... | ... | ... | 0·34 | ... | ... | ... | ... | 0·34 | |
| | Tibri *C* | ... | Ditto ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Gurdáspur | s | 15th Feby. ... | ... | 0·33 | ... | ... | ... | ... | ... | 0·33 | |
| | Bhímpur *C* | ... | 16th Do. ... | ... | ... | 0·59 | ... | ... | ... | ... | 0·59 | |
| | Pathánkot | ... | 15th Do. ... | ... | 0·34 | ... | ... | ... | ... | ... | 0·34 | |
| | Dalhousie | s | 2nd March ... | ... | 1·21 | 0·31 | ... | ... | ... | ... | 1·52 | |
| | Mádhopur *C* | b | 16th Feby. ... | ... | ... | 0·35 | ... | ... | ... | ... | 0·35 | |
| | Shakargarh | ... | 15th Do. ... | ... | 0·43 | 0·02 | ... | ... | ... | ... | 0·45 | |
| Sialkot. | Zafarwál | ... | 16th Feby. ... | ... | ... | 0·34 | ... | ... | ... | ... | 0·34 | |
| | Pasrúr | ... | Ditto ... | ... | ... | 0·29 | 0·12 | ... | ... | ... | 0·41 | |
| | Raya | ... | Ditto ... | ... | ... | 0·25 | ... | ... | ... | ... | 0·25 | |
| | Daska | ... | Ditto ... | ... | ... | 0·40 | 0·07 | ... | ... | ... | 0·47 | |
| | Siálkot | s | Ditto ... | ... | ... | 0·22 | ... | ... | ... | ... | 0·22 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of March 1890. Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | Sunday 9th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 16th Feby. ... | ... | ... | 0·07 | 0·34 | ... | ... | ... | 0·41 | |
| | Gujrát ... | Ditto ... | ... | ... | 0·07 | 0·34 | ... | ... | ... | 0·41 | |
| | Khárián ... | 2nd March ... | ... | ... | 0·23 | 0·25 | ... | ... | ... | 0·48 | |
| | Phália ... | 16th Feby. ... | ... | ... | 0·80 | ... | ... | ... | ... | 0·80 | |
| Gujranwala. | Rámnagar ... | 18th Septr. ... | ... | 0·50 | 0·40 | ... | ... | ... | ... | 0·90 | There was a shower of rain this week, but not sufficient to improve the crops materially. Rain is wanted still. Prices stationary. Fodder available, but not sufficient. |
| | Wazirabad ... | 15th Feby. ... | ... | 0·10 | 0·20 | ... | ... | ... | ... | 0·30 | |
| | Sadr Kacheri s | Ditto ... | ... | 0·20 | 0·90 | ... | ... | ... | ... | 1·10 | |
| | Shekhupura ... | 17th Septr. ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Háfizabad ... | 15th Feby. ... | ... | 0·77 | 0·01 | .. | ... | ... | ... | 0·78 | |
| | Meluána C ... | 16th Do. ... | ... | ... | .. | 0·70 | ... | ... | ... | 0·70 | |
| | Shahkot C ... | 15th Do. ... | ... | 0·40 | 0·50 | 0·20 | ... | ... | ... | 1·10 | |
| Shahpur. | Midh s | 15th Feby. ... | ... | ... | 0·24 | 0·25 | ... | ... | ... | 0·49 | |
| | Sahiwál ... | Ditto ... | ... | 0·49 | ... | ... | ... | ... | ... | 0·49 | |
| | Núrpur ... | 18th Septr. ... | ... | ... | 0·23 | ... | ... | ... | ... | 0·23 | |
| | Mitha Tiwána ... | Ditto ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Sakesar ... | 19th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 19th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | 16th Feby. ... | ... | ... | 0·09 | 0·10 | ... | ... | ... | 0·19 | |
| | Shahpur s | Ditto ... | ... | 0·10 | 0·11 | ... | ... | ... | ... | 0·21 | |
| | Bhera ... | 17th Jany. ... | ... | ... | 0·03 | 0·01 | ... | ... | ... | 0·04 | |
| | Miáni ... | 16th Feby. ... | ... | ... | 0·30 | 0·40 | ... | ... | ... | 0·70 | |
| Jhelum. | Pind Dádan Khan | 16th Feby. ... | ... | ... | 0·25 | 0·80 | ... | ... | ... | 1·05 | |
| | Sadr Station s | Ditto ... | ... | ... | 0·60 | 0·05 | ... | ... | ... | 0·65 | |
| | Chakwál ... | 17th Feby. ... | ... | ... | 0·09 | 0·23 | ... | ... | ... | 0·32 | |
| | Talagang ... | 19th Jany. ... | ... | ... | 0·92 | ... | ... | ... | ... | 0·92 | |
| Rawalpindi. | Pindigheb ... | 1st March ... | ... | 0·22 | 0·41 | ... | ... | ... | ... | 0·63 | |
| | Fatahjang ... | Ditto ... | ... | 0·10 | 1·10 | ... | ... | ... | ... | 1·20 | |
| | Attock ... | Ditto ... | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | |
| | Ráwalpindi s | 2nd March ... | ... | 0·14 | 0·32 | ... | ... | ... | ... | 0·46 | |
| | Gujar Khan ... | 1st Do. ... | ... | 0·11 | 0·33 | ... | ... | ... | 0·04 | 0·48 | |
| | Kahúta ... | Ditto ... | ... | ... | 0·53 | ... | ... | ... | ... | 0·53 | |
| | Murree s | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hazara. | Abbott-abad s | 2nd March ... | 0·04 | ... | ... | 0·54 | ... | R. | R. | 0·58 | |
| | Mansahra ... | Ditto ... | ... | ... | ... | 0·33 | ... | ... | 0·02 | 0·35 | |
| | Haripur ... | Ditto ... | ... | ... | 0·20 | 1·00 | ... | ... | ... | 1·20 | |
| Peshawar. | Swábi ... | 1st March ... | ... | 0·17 | 0·84 | ... | ... | ... | ... | 1·01 | |
| | Lahore (Utman Bolak) | Ditto ... | ... | ... | 0·80 | ... | ... | ... | ... | 0·80 | |
| | Nowshera ... | Ditto ... | ... | ... | 1·50 | ... | ... | ... | ... | 1·50 | |
| | Mardán s | Ditto ... | ... | 0·16 | 0·70 | ... | ... | ... | ... | 0·86 | |
| | Katlang ... | Ditto ... | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | |
| | Hashtnagar ... | Ditto ... | ... | ... | 0·47 | ... | ... | ... | ... | 0·47 | |
| | Doáb Daudzai ... | Ditto ... | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | |
| | Peshawar s | Ditto ... | ... | ... | 0·17 | 0·13 | ... | ... | ... | 0·30 | |
| Kohat. | Kohát s | 1st March ... | ... | ... | ... | T. 0·25 | ... | ... | ... | 0·25 | |
| | Hangu ... | 21st Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 20th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | Ditto ... | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| Bannu. | Miánwáli ... | 18th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 20th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 1st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk ... | 20th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh ... | 15th August ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Dera Ghazi Khan s | 18th Do. ... | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Fort Munro s | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 27th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 20th August ... | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Muzaffargarh s | 18th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 27th Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890.

**Explanation :—**(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 1·66 | ... | 0·32 | 0·02 | 0·02 | ... | 0·02 | Crops withering. Fodder getting dear and scarce. Tanks mostly empty. Wells being worked for both man and beast. Health fair |
| | Fatahabad ... | 1·81 | ... | 0·45 | ... | ... | ... | ... | |
| | Barwála ... | 1·86 | ... | 0·47 | ... | 0·18 | ... | 0·18 | |
| | **Hissar** ... | **1·76** | ... | **0·45** | ... | **0·23** | ... | **0·23** | |
| | Hánsi ... | 1·73 | ... | 0·46 | ... | 0·13 | ... | 0·13 | |
| | Bhiwáni ... | 1·82 | ... | 0·48 | ... | 0·13 | ... | 0·13 | |
| | Budhláda ... | ... | ... | ... | 0·16 | 0·16 | ... | 0·16 | |
| | Dhaneta (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | **Rohtak** ... | **2·07** | ... | **0·59** | ... | **0·40** | ... | **0·40** | A slight shower in parts of Gohána Tahsíl cannot benefit the rain land crops. Butána Canal closed for eight days for repairs—scarcely a fitting time as water was much needed. Canal land crops healthy. Health of people good. Fodder scarce in some of the villages of the Rohtak and Jhajjar Tahsíls. |
| | Gohána ... | 2·25 | ... | 0·54 | ... | 0·10 | ... | 0·10 | |
| | Sámpla ... | 2·11 | ... | 0·52 | ... | ... | ... | ... | |
| | Jhajjar ... | 1·97 | ... | 0·45 | ... | 0·30 | ... | 0·30 | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | ... | 0·80 | ... | 0·80 | Baráni crops are now nearly all lost. Well lands fair; dahar poor. Health of people fair. |
| | Játusána ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Rewári ... | 1·59 | ... | 0·25 | ... | ... | ... | ... | |
| | Shahjahánpur ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Nuh ... | 1·71 | ... | 0·29 | ... | 0·02 | ... | 0·02 | |
| | Fírozpur ... | 0·99 | ... | 0·18 | ... | ... | ... | ... | |
| | Hodal ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattin ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 1·43 | ... | 0·26 | ... | ... | ... | ... | |
| | Sohna ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Gurgaon** ... | **1·89** | ... | **0·32** | ... | **0·54** | ... | **0·54** | |
| | Punahána ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh ... | 1·83 | ... | 0·40 | ... | 0·85 | ... | 0·85 | No rain during the month. Rabí crops on baráni lands withered up. Health of people fair. Canal and well irrigation resorted to wherever necessary. |
| | Mahrauli ... | ... | ... | ... | ... | 0·35 | ... | 0·35 | |
| | **Sadr (Delhi)** ... | **2·24** | ... | **0·53** | ... | **0·35** | ... | **0·35** | |
| | Sonepat ... | 2·42 | ... | 0·49 | ... | 0·36 | ... | 0·36 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890—(continued).

**Explanation** :—(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 3·45 | ... | 1·02 | ... | 0·20 | ... | 0·20 | Crops except on well lands or under canal irrigation or on inundated area in Khadir circles failing from drought. Canal is being worked to its almost capacity, but unavoidable interruptions afford due turns (Tahtíls) are causing some embarrassment. Fodder becoming very scarce, and migration of Nardak cattle expected. Weather, however, shows some signs of approaching rain. Health fair. |
| | **Karnal** ... | **3·37** | ... | **1·27** | ... | **0·69** | ... | **0·69** | |
| | Rajaund ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Kaithal ... | 1·57 | ... | 0·50 | ... | 0·40 | ... | 0·40 | |
| | Gula ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli ... | 3·35 | ... | 1·05 | 0·19 | 0·34 | ... | 0·34 | Rabi crops in a bad condition owing to drought. Health of people good. |
| | Jagádhri ... | 4·54 | ... | 1·41 | ... | 0·06 | ... | 0·06 | |
| | **Umballa** ... | **4·34** | ... | **1·54** | ... | **0·05** | ... | **0·05** | |
| | Naráingarh ... | 5·00 | ... | 1·56 | 0·02 | 0·22 | ... | 0·22 | |
| | Kharar ... | 4·34 | ... | 1·28 | 0·02 | 0·30 | ... | 0·30 | |
| | Rúpar ... | 4·12 | ... | 1·19 | 0·03 | 0·43 | ... | 0·43 | |
| | Kotra (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Baniki (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Barauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Simla** ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | ... | ... | ... | | | | | |
| Kangra. | Plách ... | 6·19 | ... | 1·79 | 1·40 | 3·00 | ... | 3·00 | For want of an opportune fall of rain the prospects of the crop on unirrigated lands are indifferent. |
| | Kulu ... | 6·83 | ... | 2·29 | 5·55 | 7·35 | ... | 7·35 | |
| | Nagar ... | 17·82 | ... | 4·75 | 1·70 | 3·80 | ... | 3·80 | |
| | Pálampur ... | 11·17 | ... | 3·99 | 3·32 | 6·42 | ... | 6·42 | |
| | Hamírpur ... | 6·00 | ... | 2·05 | 0·85 | 3·95 | ... | 3·95 | |
| | Dera ... | 7·23 | ... | 2·60 | 1·43 | 2·83 | ... | 2·83 | |
| | Kángra ... | 7·45 | ... | 2·64 | 1·20 | 3·00 | ... | 3·00 | |
| | **Dharmsala** ... | **12·96** | ... | **4·73** | **2·12** | **5·62** | ... | **5·62** | |
| | Núrpur ... | 9·66 | ... | 3·56 | 0·73 | 2·33 | ... | 2·33 | |
| Hoshiarpur. | Dasúya ... | 5·24 | ... | 1·86 | 0·50 | 1·10 | ... | 1·10 | The rain that has fallen during this month is inadequate for rabi crops and prospects are poor. The health of the people is good everywhere. |
| | Una ... | 5·32 | ... | 1·80 | 0·25 | 1·46 | ... | 1·46 | |
| | Garhshankar ... | 4·93 | ... | 1·64 | ... | 0·68 | ... | 0·68 | |
| | **Sadr Station** ... | **4·75** | ... | **1·70** | **0·40** | **1·00** | ... | **1·00** | |
| | Hoshiárpur ... | 4·75 | ... | 1·70 | 0·49 | 1·16 | ... | 1·16 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st Octr. 1889 to 28th Feby. 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| JULLUNDUR. | **Jullundur** ... | **3·75** | ... | **1·33** | **0·35** | **0·66** | ... | **0·66** | Crops suffering for want of rain. Cotton and sugar-cane ploughings commenced. Health of people good. |
| | Nakodar ... | 3·85 | ... | 1·39 | 0·20 | 0·50 | ... | 0·50 | |
| | Phillour ... | 4·37 | ... | 1·58 | 0·20 | 0·34 | ... | 0·34 | |
| | Nawashahr ... | 4·60 | ... | 1·67 | 0·16 | 0·75 | ... | 0·75 | |
| LUDHIANA. | Samrála ... | 4·48 | ... | 1·04 | 0·06 | 0·38 | ... | 0·38 | Rain much wanted. Prospects of the rabi crop look bad for want of rain. Health of people good. |
| | **Ludhiana** ... | **4·61** | ... | **1·27** | **0·10** | **0·33** | ... | **0·33** | |
| | Jagraon ... | 3·31 | ... | 0·84 | 0·10 | 0·13 | ... | 0·13 | |
| FEROZEPORE. | Moga ... | 3·12 | ... | 0·81 | 0·16 | 0·16 | ... | 0·16 | The condition of the rabi crops on unirrigated lands is reported to be very unfavourable owing to paucity of rainfall, but the crops on irrigated lands are progressing favourably. The recent rain has done some slight good, but much more is still needed. The health of the people is good. The supply of water in the Sirhind Canal was not sufficient during the month. |
| | Zíra ... | 3·50 | ... | 0·92 | 0·20 | 0·39 | ... | 0·39 | |
| | **Ferozepore** ... | **3·06** | ... | **0·83** | **0·20** | **0·51** | ... | **0 51** | |
| | Ferozepore City ... | 3·06 | ... | 0·83 | 0·15 | 0·58 | ... | 0·58 | |
| | Muktsar ... | 1·72 | ... | 0·45 | 0·08 | 0·08 | ... | 0·08 | |
| | Fázilka ... | 1·62 | ... | 0·35 | 0·50 | 0·50 | ... | 0·50 | |
| | Nathána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| MOOLTAN. | Mailsi ... | 1·04 | ... | 0·30 | ... | ... | ... | ... | Condition of crops except on canals where rain is much required good. If rain holds off much longer it is feared that crops generally will be injured. Health of people good. |
| | Lodhrán ... | 1·06 | ... | 0·30 | ... | ... | ... | ... | |
| | Shujabad ... | 0·88 | ... | 0·27 | ... | ... | ... | ... | |
| | **Mooltan** ... | **0 59** | ... | **0 16** | ... | ... | ... | ... | |
| | Kabírwála ... | 0·98 | ... | 0·28 | ... | ... | ... | ... | |

**AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890**—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 1·35 | ... | 0·40 | 0·03 | 0·15 | ... | 0·15 | Prospects fair. Rain wanted, especially for crops on sailába and up lands. Health of people good. |
| | **Jhang** ... | **1·43** | ... | **0·44** | **0·05** | **0·12** | ... | **0·12** | |
| | Chiniot ... | 1·76 | ... | 0·54 | 0·11 | 0·29 | ... | 0·29 | |
| Montgomery. | Gugera ... | 1·21 | ... | 0·49 | 0·06 | 0·26 | ... | 0·26 | The crops are suffering from want of rain, and if no rain falls on lands not protected by wells a failure is feared. The people are generally healthy. Fodder is becoming scarce. Extra rabi sowings have begun. Prices are rising. |
| | **Montgomery** ... | **1·65** | ... | **0·67** | ... | **0·42** | ... | **0·42** | |
| | Pákpattan ... | 1·25 | ... | 0·54 | ... | ... | ... | ... | |
| | Dipálpur ... | 1·23 | ... | 0·51 | 0·01 | 0·26 | ... | 0·26 | |
| Lahore. | Van (*c*) ... | 1·98 | ... | 0·82 | 0·18 | 0·90 | ... | 0·90 | There was a slight sprinkling of rain on the 15th February not enough to benefit the rain crops, but very beneficial to well irrigated crops. The rain crops were fast failing throughout the month except in the sandy soils, where they still hold out. Considerable harm was done by the cold of the first week of February. Canal crops considerably damaged by the inadequacy of the water-supply. |
| | Chunián ... | 2·46 | ... | 0·99 | 0·10 | 0·90 | ... | 0·90 | |
| | Kasúr ... | 2·48 | ... | 1·03 | 0·15 | 1·06 | ... | 1·06 | |
| | Pambe (*c*) ... | 2·18 | ... | 0·89 | 0·03 | 0·19 | ... | 0·19 | |
| | Sharakpur ... | 1·99 | ... | 0·79 | 0·26 | 0·56 | ... | 0·56 | |
| | Niáz Beg (*c*) ... | 2·96 | ... | 1·14 | 0·40 | 0·80 | ... | 0·80 | |
| | **Lahore** ... | **2·95** | ... | **1·18** | **0·30** | **0·52** | ... | **0·52** | |
| | Meean Meer (*c*) ... | 3·61 | ... | 1·39 | 0·51 | 0·75 | ... | 0·75 | |
| | Manihála (*c*) ... | 2·83 | ... | 1·03 | 0·12 | 0·62 | ... | 0·62 | |
| | Dafthu (*c*) ... | ... | ... | ... | 0·25 | 0·49 | ... | 0·49 | |
| Amritsar. | Buchar (*c*) ... | 2·35 | ... | 0·79 | 0·40 | 0·70 | ... | 0·70 | Condition of irrigated crops average, of bárani poor. Rain urgently wanted. Health of people good. Canal-supply short owing to excessive general demand. |
| | Khara (*c*) ... | 1·57 | ... | 0·44 | 0·15 | 0·57 | ... | 0·57 | |
| | Tarn Táran ... | 3·17 | ... | 1·04 | 0·25 | 0·68 | ... | 0·68 | |
| | Raya (*c*) ... | 2·87 | ... | 0·79 | 0·42 | 0·86 | ... | 0·86 | |
| | Jandiála (*c*) ... | 2·96 | ... | 0·70 | 0·33 | 0·72 | ... | 0·72 | |
| | Jail Hospital ... | 3·64 | ... | 1·18 | 0·23 | 0·44 | ... | 0·44 | |
| | **Amritsar Tahsil** ... | **3·64** | ... | **1·18** | **0·21** | **0·50** | ... | **0·50** | |
| | Amritsar (*c*) ... | ... | ... | ... | 0·24 | 0·49 | ... | 0·49 | |
| | Buggeh (*c*) ... | 2·36 | ... | 0·68 | 0·30 | 0·40 | ... | 0·40 | |
| | Ajnála ... | 2·82 | ... | 0·92 | 0·26 | 0·37 | ... | 0·37 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (*c*) ... | 4·62 | ... | 1·62 | 0·39 | 0·48 | ... | 0·48 | Owing to the want of rain the crops are not in good condition Health of people good. |
| | Batála ... | 4·57 | ... | 1·53 | 0·30 | 0·43 | ... | 0·43 | |
| | Kaler (*c*) ... | 5·75 | ... | 2·00 | 1·50 | 1·50 | ... | 1·50 | |
| | Tibri (*c*) ... | 5·51 | ... | 1·83 | 0·40 | 0·40 | ... | 0·40 | |
| | **Gurdaspur** ... | **5·02** | ... | **1·79** | **0·65** | **0·97** | ... | **0·97** | |
| | Bhimpur (*c*) ... | 7·45 | ... | 2·38 | 0·74 | 1·14 | ... | 1·14 | |
| | Pathánkot ... | 6·63 | ... | 2·29 | 1·00 | 1·73 | ... | 1·73 | |
| | Dalhousie ... | 8·36 | ... | 2·82 | 1·52 | 3·92 | ... | 3·92 | |
| | Mádhopur (*c*) ... | 7·79 | ... | 2·66 | 0·78 | 1·21 | ... | 1·21 | |
| | Shakargarh ... | 6·58 | ... | 2·32 | 0·53 | 0·70 | ... | 0·70 | |
| SIALKOT. | Zafarwál ... | 5·03 | ... | 1·89 | 0·43 | 0·69 | ... | 0·69 | Crops suffering from want of rain. No appreciable damage yet to irrigated crops or to those in low lying ground. Health of people is good. Cattle suffering from want of fodder and also because they are being over-worked on the wells. |
| | Pasrúr ... | 4·49 | ... | 1·79 | 0·45 | 0·75 | ... | 0·75 | |
| | Raya ... | 2·71 | ... | 1·16 | 0·43 | 0·43 | ... | 0·43 | |
| | Daska ... | 4·02 | ... | 1·52 | 0·50 | 0 70 | ... | 0·70 | |
| | **Sialkot** ... | **4·87** | ... | **1·85** | **0·52** | **1·63** | ... | **1·63** | |
| GUJRAT. | **Sadr** ... | **4·88** | ... | **1·64** | **0·32** | **0·55** | ... | **0·55** | Crops suffer from want of rain, are everywhere short, and on baráni lands thin. Health of people good. Fodder getting scarce, especially in Tahsil Khárian. |
| | Gujrát ... | 4·88 | ... | 1·64 | 0·32 | 0·57 | ... | 0·57 | |
| | Khárián ... | 5·34 | ... | 1·74 | 0·30 | 0·90 | ... | 0·90 | |
| | Phália ... | 3·61 | ... | 1·21 | 0·30 | 0·53 | ... | 0·53 | |
| GUJRANWALA. | Rámnagar ... | 2·54 | ... | 0·85 | ... | ... | ... | ... | Slight rainfall during the month over the district, which has done nothing to help on the crops. Baráni crops have withered up all over the district. Crops on well lands have also suffered, fodder being scarce, and the well cattle not being able to bear the strain of the work. Fodder is very scarce in Gujránwála and Wazirabad, where sugarcane and chopped straws are being given to the cattle. Prices are rising rapidly. There has been slight rainfall since the month closed. |
| | Wazirabad ... | 4·22 | ... | 1·53 | 0·30 | 0·50 | ... | 0·50 | |
| | **Sadr Kacheri** ... | **4·01** | ... | **1·47** | **0·30** | **1·50** | ... | **1·50** | |
| | Shekhupura ... | 1·77 | ... | 0·55 | ... | ... | ... | ... | |
| | Háfizabad ... | 3·11 | ... | 1·19 | 0·15 | 0·15 | ... | 0·15 | |
| | Meluana (*c*) ... | ... | ... | ... | 0·20 | 0·20 | ... | 0·20 | |
| | Shahkot (*c*) ... | ... | ... | ... | 0·40 | 0·70 | ... | 0·70 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890—(continued)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·53 | ... | 0·60 | 0·17 | 0·17 | ... | 0·17 | There has as yet been almost no rain and the rabi crops are now suffering seriously, but timely rain would still give a fair crop. Prices are rising, but wheat still sells at 19 seers per rupee. Health of people good. Fodder is plentiful. |
| | Sahiwál ... | 2·19 | ... | 0·70 | 0·10 | 0·20 | ... | 0·20 | |
| | Núrpur ... | 1·13 | ... | 0·60 | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 2·08 | ... | 0·88 | ... | ... | ... | ... | |
| | Sakesar ... | 1·78 | ... | 0·85 | ... | ... | ... | ... | |
| | Naushahra ... | 2·60 | ... | 0·65 | ... | 0·50 | ... | 0·50 | |
| | Khusháb ... | 1·95 | ... | 0·79 | 0·09 | 0·41 | ... | 0·41 | |
| | **Shahpur** ... | **2·69** | ... | **1·09** | **0·13** | **0·25** | ... | **0·25** | |
| | Bhera ... | 2·76 | ... | 1·03 | ... | 0·15 | ... | 0·15 | |
| | Miáni ... | 3·93 | ... | 0·85 | 0·20 | 0·20 | ... | 0·20 | |
| Jhelum. | Pind Dádan Khan ... | 3·15 | ... | 0·94 | 0·15 | 0·20 | ... | 0·20 | Rabi crops very short and stunted, drying up fast in upland tracts, fair in the river tracts. No inundation in the river. |
| | **Sadr Station** ... | **4·43** | ... | **1·27** | **0·44** | **0·72** | ... | **0·72** | |
| | Chakwál ... | 3·11 | ... | 0·87 | 0·24 | 0·64 | ... | 0·64 | |
| | Talagang ... | 3·52 | ... | 1·13 | ... | 0·34 | ... | 0·34 | |
| Rawalpindi. | Pindigheb ... | 3·94 | ... | 1·15 | 0·15 | 0·55 | ... | 0·55 | Condition of crops below average in Pindigheb, Kahúta and Murree Tahsíls, and average in others. Locusts in Ráwalpindi, Gujar Khan, Kahúta and Murree Tahsíls. |
| | Fatahjang ... | 7·60 | ... | 1·60 | 0·70 | 1·50 | ... | 1·50 | |
| | Attock ... | 5·20 | ... | 0·90 | ... | 0·80 | ... | 0·80 | |
| | **Rawalpindi** ... | **6·73** | ... | **2·02** | **1·53** | **2·28** | ... | **2·28** | |
| | Gujar Khan ... | 8·57 | ... | 2·00 | 0·30 | 2·26 | ... | 2·26 | |
| | Kahúta ... | 9·39 | ... | 2·30 | 1·37 | 2·27 | ... | 2·27 | |
| | Murree ... | 9·85 | ... | 3·32 | ... | 1·70 | ... | 1·70 | |
| Hazara. | **Abbott-abad** ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Mansáhra ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur ... | ... | ... | ... | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 5·20 | ... | 1·50 | 0·19 | 3·82 | ... | 3·82 | Sowings of sugarcane in the Hashtnagar Tahsíl are in progress. The condition of the rabi crops on irrigated lands is average but on unirrigated lands is bad. They were not much benefited by the little rain which fell during the month. More wanted. Health good. Fodder supply sufficient. |
| | Lahore (Utmán Bolak) | 7·15 | ... | 2·77 | ... | 0·50 | ... | 0·50 | |
| | Naushahra ... | 5·58 | ... | 1·68 | 0·01 | 1·78 | ... | 1·78 | |
| | Mardán ... | 6·92 | ... | 2·01 | 0·21 | 1·11 | ... | 1·11 | |
| | Katlang ... | 5·66 | ... | 1·54 | 2·30 | 2·60 | ... | 2·60 | |
| | Hashtnagar ... | 4·63 | ... | 1·47 | ... | 0·20 | ... | 0·20 | |
| | Doáb Daudzai ... | 5·06 | ... | 1·45 | ... | 0·50 | ... | 0·50 | |
| | **Peshawar** ... | **4·17** | ... | **1·26** | **0·23** | **0·76** | ... | **0·76** | |
| Kohat. | **Kohat** ... | **4·59** | ... | **1·28** | **0·29** | **1·07** | ... | **1·07** | Average amount of irrigated area has been sown with rabi crops and their prospects are on the whole fair. Owing to want of rain during the winter, a very limited area of unirrigated lands has been sown, except in the Barak Tappa of Khattak Tahsíl and Shakurdarra and Nilab Tappas of the Kohát Tahsíl, where good area has been sown owing to early sowing of rabi harvest and better quality of land. The prospects of crops on these lands are bad. If the rain continues to hold off for some time longer the whole of the rabi harvest on these lands, especially in the Kohát and Hangu Tahsíls, is expected to fail. A few showers of rain fell during February and on 1st March, but it did little good to the standing crops. Water in Toi and springs is running short. Health of the people is good. |
| | Hangu ... | ... | ... | ... | ... | 0·90 | ... | 0·90 | |
| | Thal ... | ... | ... | ... | 0·31 | 1·36 | ... | 1·36 | |
| | Karak ... | ... | ... | ... | 0·13 | 1·93 | ... | 1·93 | |
| Bannu. | Miánwáli ... | 1·95 | ... | 0·77 | ... | 0·30 | ... | 0·30 | The harvest was benefited much from the rain. Health of people good. Rate of wheat stationary. Locusts appeared in parts of Edwardes-abad and Isa Khel, but moved towards hills without injuring the crop. Canals working well. |
| | Isa Khel ... | 2·18 | ... | 0·83 | 0·20 | 1·60 | ... | 1·60 | |
| | **Bannu** ... | **2·48** | ... | **0·95** | **0·13** | **1·13** | ... | **1·13** | |
| | Marwat ... | 3·02 | ... | 1·21 | 1·70 | 2·70 | ... | 2·70 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th February 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·15 | ... | 0·40 | ... | 0·87 | ... | 0·87 | Condition of crops fair. Rain urgently wanted. Health of people fair. Fodder supply decreasing. Crops slightly damaged by locusts in Tahsíl Kuláchi and Tánk. |
| | Kuláchi ... | 1·64 | ... | 0·75 | ... | 0·60 | ... | 0·60 | |
| | **Dera I. Khan** ... | **1·70** | ... | **0·73** | **0·05** | **0·38** | ... | **0·38** | |
| | Bhakkar ... | 2·44 | ... | 0·67 | 0·04 | 0·19 | ... | 0·19 | |
| | Leiah ... | 1·24 | ... | 0·60 | ... | ... | ... | ... | |
| D. G. Khan. | Sangarh ... | 0·92 | ... | 0·25 | ... | ... | ... | ... | Rabi crops expected to be below the average owing to want of rain. Health of people good. No hill torrents. Canals are dry. |
| | **Dera G. Khan** ... | **1·16** | ... | **0·36** | ... | ... | ... | ... | |
| | Fort Munro ... | 0·62 | ... | 0·25 | ... | ... | ... | ... | |
| | Jámpur ... | 1·39 | ... | 0·21 | ... | ... | ... | ... | |
| | Rájanpur ... | 1·98 | ... | 0·58 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 1·64 | ... | 0·47 | ... | ... | ... | ... | Crops suffering for want of rain. Health of people good. |
| | **Muzaffargarh** ... | **0·97** | ... | **0·28** | ... | ... | ... | ... | |
| | Sinánwán ... | 0·88 | ... | 0·26 | ... | 0·30 | ... | 0·30 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors to the Agriculture Prospect Report for the month of January 1890.

*Murree* (*Ráwalpindi District*).—Read in column 7 and 9, 1·70 instead of 1·50.

*Thal* (*Kohát District*).—Read in column 6, 1·05 for 1·15.

**PUBLIC WORKS DEPARTMENT**

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during February 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **PERENNIAL CANALS.** | | | | |
| **Swat River Canal** ... ... ... ... ... | 6·0 | 5·0 | 720 | 553 |
| Total Swat River Canal ... ... | ... | ... | 720 | 553 |
| Corresponding period of last year ... | ... | ... | 720 | ... |
| **WESTERN JUMNA CANAL.** | | | | |
| Main Line Rájbahás ... ... ... ... ... | ... | ... | 2,557 | 248 |
| Hánsi Branch ... ... ... ... ... ... | 7·0 | ... | | 715 |
| Delhi Branch ... ... ... ... ... ... | 7·0 | 4·9 | | 611 |
| Passed through Escapes ... ... ... ... ... | ... | ... | | 336 |
| Loss by absorption ... ... ... ... ... | ... | ... | | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 1,910 |
| Corresponding period of last year ... | ... | ... | 2,546 | 1,124 |
| **BARI DOAB CANAL.** | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 3·27 | 3,074 | 566 |
| 2nd " Main Branch Lower ... ... ... ... | 4·6 | 1·92 | | 556 |
| " " Lahore Branch ... ... ... ... | 3·0 | 1·39 | | 269 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 1,391 |
| Corresponding period of last year ... | ... | ... | 3,074 | ... |
| **SIRHIND CANAL.** | | | | |
| Main Line ... ... ... ... ... ... | 5·92 | 6·19 | 3,000 | 3,229 |
| Abohar Branch ... ... ... ... ... | 4·12 | 3·55 | 1,020 | 1,057 |
| Bhatinda Branch ... ... ... ... ... | 4·48 | 3·66 | 900 | 890 |
| Feeders ... ... ... ... ... ... | 5·29 | 5·12 | 1,080 | 1,210 |
| British Escapes ... ... ... ... ... | ... | ... | ... | 72 |
| Total Sirhind Canal ... ... | ... | ... | 3,000 | 3,229 |
| Corresponding period of last year ... | ... | ... | 3,000 | 2,699 |
| Chenab Canal ... ... ... ... ... ... | 7·0 | 2·4 | 1,800 | 289·5 |
| Total Chenab Canal ... ... | ... | ... | 1,800 | 289·5 |
| Corresponding period of last year ... | ... | ... | 1,800 | ... |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **INUNDATION CANALS.** | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1889-90 *up to* 28*th February* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| | | | | | Wheat ... | 27,559 | This amount has been finally measured. It is probable that the area will fall but little short of last year. |
| Peshàwar ... | 44,707 | 9 | 1·62 | 0·20 | Barley ... | 9,377 | |
| | | | | | Mixed-grain | 6,853 | |
| | | | | | Miscellaneous | 918 | |
| ... | 44,707 | ... | ... | ... | ... | 44,707 | |
| ... | 53,814 | ... | ... | ... | ... | 53,814 | |
| Umballa ... | 977 | | 1·1 | ... | Wheat ... | 139,735 | The discharge of the River Jumna below Hathni Kund was 3,452 cubic feet on the 1st February 1890, falling gradually to 2,296 cubic feet on the 1st March 1890. The supply in the river was small. The increase in irrigation is due to the failure of rains. |
| Karnál ... | 55,621 | | 1·1 | ... | Barley ... | 1,411 | |
| Rohtak ... | 51,353 | 20 | 0·51 | ... | Mixed-grain | 19,035 | |
| Delhi ... | 40,794 | | 0·49 | ... | Miscellaneous | 31,519 | |
| Hissar ... | 42,162 | | 0·48 | ... | | | |
| Bikaner ... | 291 | ... | ... | ... | | | |
| Kalsia ... | 502 | ... | ... | ... | | | |
| ... | 191,700 | ... | ... | ... | ... | 191,700 | |
| ... | 98,612 | ... | ... | ... | ... | 98,612 | |
| Gurdáspur ... | 9,465 | 11 | 1·35 | 0·40 | Wheat ... | 163,231 | The Bári Doáb Canal ran during the whole month. The river was exceptionally low. There was very little rain and the demand was intense. The second waterings were, however, nearly completed, and the area irrigated up to date was 16,287 acres in excess of that to the end of February 1886, hitherto the "best on record." |
| Amritsar ... | 114,505 | 8 | 0·98 | 0·24 | Barley ... | 2,511 | |
| Lahore ... | 185,518 | 8 | 0·81 | 0·25 | Mixed-grain | 8,085 | |
| | | | | | Miscellaneous | 135,661 | |
| ... | 309,488 | ... | ... | ... | ... | 309,488 | |
| ... | 286,963 | ... | ... | ... | ... | 286,963 | |
| Ludhiána ... | 45,808 | 8 | 0·71 | 0·10 | Wheat ... | 190,556 | The discharge of the River Sutlej at Rúpar was 3,404 cubic feet on the 1st February 1890. There was an increase of 61,973 acres over that of the corresponding period of the past year and of 121,491 acres over that of 1887-88. |
| Ferozepore ... | 224,468 | | 0·36 | 0·15 | Barley ... | 5,967 | |
| Hissar ... | 2,311 | 20 | 0·48 | ... | Mixed-grain | 6,012 | |
| Farídkot ... | 51,722 | ... | ... | ... | Miscellaneous | 183,931 | |
| Patiála ... | 41,629 | ... | ... | ... | | | |
| Nábha ... | 17,518 | ... | ... | ... | | | |
| Jínd ... | 739 | ... | ... | ... | | | |
| Kalsia ... | 2,271 | ... | | | | | |
| ... | 386,466 | ... | ... | ... | ... | 386,466 | |
| ... | 324,493 | ... | ... | ... | ... | 324,493 | |
| | | | | | Wheat ... | 6,836 | The supply during the month has been good and the bund in good order, but it is too late to increase the irrigation much. |
| Gujránwála ... | 10,510 | 5 | 0·57 | 0·23 | Barley ... | 1,787 | |
| | | | | | Mixed-grain | 124 | |
| | | | | | Miscellaneous | 1,763 | |
| ... | 10,510 | ... | ... | ... | ... | 10,510 | |
| ... | 18,716 | ... | ... | ... | ... | 18,716 | |
| ... | 942,871 | ... | ... | ... | ... | 942,871 | |
| ... | 782,598 | ... | ... | ... | ... | 782,598 | |
| Montgomery ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 25,459 | ... | ... | ... | ... | 25,459 | |

*Irrigation Operations of Fasl Rabi*

| Canal Division. | | | | | Water distributed during February 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|---|---|---|---|
| **INUNDATION CANALS—CONCLUDED.** | | | | | | | | |
| **Sidhnai Canal** ... ... | ... | ... | ... | ... | 6 | ... | 1,072 | ... |
| Corresponding period of last year | | | | ... | ... | ... | ... | ... |
| **Upper Sutlej Canals** ... | ... | ... | ... | ... | ... | ... | ... | ... |
| **Lower Sutlej and Chenab Canals** | ... | ... | ... | ... | ... | ... | ... | ... |
| **Indus Canals** ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| **Muzaffargarh** ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Total Inundation Canals* | | | | ... | ... | ... | ... | ... |
| *Corresponding period of last year* | | | | ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | | | | | |
| **PERENNIAL CANALS.** | | | | | | | | |
| **Swat River** Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| **Western** Jumna Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| **Bári Doáb** Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| **Sirhind** Canal ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chenab Canal ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total Perennial Canals | | | | ... | ... | ... | ... | ... |
| **INUNDATION CANALS.** | | | | | | | | |
| Lower Sohág Canal ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Upper Sutlej ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Indus ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Muzaffargarh ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total Inundation Canals | | | | ... | ... | ... | ... | ... |
| GRAND TOTAL PERENNIAL & INUNDATION CANALS | | | | ... | ... | ... | ... | ... |
| CORRESPONDING PERIOD OF LAST YEAR | | | | ... | ... | ... | ... | ... |

LAHORE:
*The 18th March 1890.*

*of* 1889-90 *up to* 28*th February* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Mooltan ... | 35,560 | ... | ... | ... | Wheat ...<br>Barley ...<br>Miscellaneous | 31,645<br>73<br>3,842 | The canal has not begun to flow yet and there has been no rain during the month. The crops are suffering from the long continued drought and only the wheat protected by wells or on specially good soil will be brought to maturity. |
| | | | | | | 35,560 | |
| ... | 49,134 | ... | ... | ... | ... | 49,134 | |
| Lahore ... | 19,743 | 8 | 0·50 | 0·10 | ... | 19,743 | |
| Montgomery... | 35,551 | ... | ... | ... | ... | 35,551 | |
| Mooltan ... | 248,912 | 26 | 0·32 | ... | ... | 248,912 | |
| Dera Ghâzi Khan | 41,124 | 10 | 0·49 | ... | ... | 41,124 | |
| Muzaffargarh ... | 157,239 | 5 | 0·50 | ... | ... | 157,239 | |
| ... | 563,498 | ... | ... | ... | ... | 563,498 | On the Inundation Canals there is an increase of 66,502 acres as compared with the corresponding period of the preceding year. |
| ... | 496,996 | ... | ... | ... | ... | 496,996 | |
| ... | 44,707 | ... | ... | ... | ... | 44,707 | |
| ... | 191,700 | ... | ... | ... | ... | 191,700 | |
| ... | 309,488 | ... | ... | ... | ... | 309,488 | |
| ... | 386,466 | ... | ... | ... | ... | 386,466 | |
| ... | 10,510 | ... | ... | ... | ... | 10,510 | |
| ... | 942,871 | ... | ... | ... | ... | 942,871 | |
| ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 35,560 | ... | ... | ... | ... | 35,560 | |
| ... | 55,294 | ... | ... | ... | ... | 55,294 | |
| ... | 248,912 | ... | ... | ... | ... | 248,912 | |
| ... | 41,124 | ... | ... | ... | ... | 41,124 | |
| ... | 157,239 | ... | ... | ... | ... | 157,239 | |
| ... | 563,498 | ... | ... | ... | ... | 563,498 | |
| ... | 1,506,369 | ... | ... | ... | ... | 1,506,369 | |
| ... | 1,279,594 | ... | ... | ... | ... | 1,279,594 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 22nd FEBRUARY 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar | Hissar ... | 14,167 | 3 | 1 | 4 | 10 | 6 | 4 | ... | ... | 2 | ... | ... | 8 | 2 | ... | 2 | 15 | 37 |
| 2 | | Hansi ... | 12,656 | 6 | 3 | 9 | 22 | 10 | 12 | ... | ... | 11 | ... | ... | 11 | 3 | 1 | 4 | 37 | 91 |
| 3 | | Bhiwani ... | 33,762 | 5 | 8 | 13 | 38 | 18 | 20 | ... | ... | 6 | 3 | ... | 29 | 2 | 5 | 7 | 20 | 59 |
| 4 | | Sirsa ... | 12,292 | 2 | 2 | 4 | 5 | 2 | 3 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 17 | 21 |
| 5 | Rohtak | Rohtak ... | 15,699 | 3 | 2 | 5 | 12 | 7 | 5 | ... | ... | 4 | 1 | ... | 7 | 2 | 1 | 3 | 17 | 40 |
| 6 | | Jhajjar ... | 11,650 | 4 | 5 | 9 | 6 | 5 | 1 | ... | ... | 3 | 2 | ... | 1 | 1 | ... | 1 | 40 | 27 |
| 7 | Gurgaon | Rewari ... | 24,445 | 4 | 6 | 10 | 18 | 12 | 6 | ... | 2 | 10 | ... | ... | 6 | 3 | ... | 3 | 21 | 38 |
| 8 | | Palwal ... | 10,635 | 4 | 1 | 5 | 4 | 1 | 3 | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | 25 | 20 |
| 9 | Delhi | Delhi ... | 117,363 | 41 | 40 | 81 | 113 | 68 | 45 | ... | 2 | 66 | 4 | 1 | 40 | 11 | 7 | 18 | 36 | 50 |
| 10 | | " Suburbs ... | 52,882 | 16 | 10 | 26 | 29 | 19 | 10 | ... | ... | 20 | 1 | ... | 8 | 4 | 1 | 5 | 26 | 29 |
| 11 | | Sonepat ... | 13,077 | 2 | 3 | 5 | 9 | 6 | 3 | ... | ... | 7 | ... | ... | 2 | 2 | ... | 2 | 20 | 36 |
| 12 | Karnal | Karnal ... | 23,133 | 5 | 6 | 11 | 22 | 13 | 9 | ... | 1 | 13 | 1 | ... | 7 | 2 | 1 | 3 | 25 | 50 |
| 13 | | Kaithal ... | 14,754 | 9 | 2 | 11 | 6 | 3 | 3 | ... | ... | ... | 2 | ... | 4 | ... | 1 | 1 | 39 | 21 |
| 14 | | Panipat ... | 26,572 | 4 | 7 | 11 | 19 | 12 | 7 | ... | ... | 11 | 2 | ... | 6 | 3 | 1 | 4 | 22 | 37 |
| 15 | Umballa | Umballa ... | 26,777 | 16 | 5 | 21 | 12 | 8 | 4 | ... | ... | 4 | 2 | ... | 6 | 4 | 1 | 5 | 41 | 23 |
| 16 | | Jagadhri ... | 12,300 | 8 | ... | 8 | 4 | ... | 4 | ... | ... | ... | 1 | ... | 3 | ... | 1 | 1 | 34 | 17 |
| 17 | | Shahabad ... | 10,218 | 2 | 2 | 4 | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 20 | 5 |
| 18 | | Sadhaura ... | 10,794 | 3 | 4 | 7 | 6 | 2 | 4 | ... | ... | 4 | ... | ... | 2 | ... | ... | ... | 34 | 29 |
| 19 | | Rupar ... | 10,326 | 3 | 1 | 4 | 9 | 3 | 6 | ... | ... | 5 | ... | ... | 4 | 3 | 1 | 4 | 20 | 45 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 3 | 3 | 6 | 3 | ... | 3 | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 24 | 12 |
| 21 | | Tanda and Urmar ... | 10,295 | 3 | 4 | 7 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | 1 | 1 | 2 | 35 | 35 |
| 22 | Jullundur | Jullundur ... | 31,177 | 16 | 19 | 35 | 26 | 13 | 13 | ... | 1 | 13 | ... | ... | 12 | 2 | 2 | 4 | 59 | 43 |
| 23 | | " Suburbs ... | 11,474 | 10 | 5 | 15 | 8 | 4 | 4 | ... | ... | 3 | ... | ... | 5 | ... | 1 | 1 | 68 | 36 |
| 24 | | Rahon ... | 11,763 | 5 | 4 | 9 | 5 | 3 | 2 | ... | ... | 5 | ... | ... | ... | 2 | ... | 2 | 40 | 22 |
| 25 | Ludhiana | Ludhiana ... | 44,163 | 12 | 17 | 29 | 25 | 16 | 9 | ... | ... | 14 | ... | 1 | 10 | 4 | 1 | 5 | 34 | 30 |
| 26 | | Jagraon ... | 16,873 | 11 | 6 | 17 | 13 | 8 | 5 | ... | ... | 4 | 1 | ... | 8 | 4 | 2 | 6 | 53 | 40 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 5 | 14 | 19 | 14 | 8 | 6 | ... | ... | 6 | 2 | ... | 6 | 2 | ... | 2 | 47 | 35 |
| 28 | Mooltan | Mooltan ... | 31,878 | 10 | 15 | 25 | 16 | 6 | 10 | ... | ... | 2 | 3 | ... | 11 | 2 | 7 | 9 | 41 | 26 |
| 29 | | " Suburbs ... | 25,593 | 11 | 10 | 21 | 17 | 9 | 8 | ... | ... | 8 | ... | ... | 9 | 2 | 3 | 5 | 43 | 35 |
| 30 | Jhang | Maghiana ... | 12,574 | 5 | 7 | 12 | 6 | 4 | 2 | ... | ... | 2 | ... | ... | 4 | 2 | 1 | 3 | 50 | 25 |
| 31 | | Chiniot ... | 10,731 | 2 | 5 | 7 | 7 | 4 | 3 | ... | ... | 3 | ... | 2 | 4 | 1 | 1 | 2 | 34 | 34 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 33 | 29 | 62 | 87 | 52 | 35 | ... | ... | 40 | ... | ... | 47 | 17 | 5 | 22 | 33 | 47 |
| 33 | | " Suburbs ... | 41,670 | 11 | 7 | 18 | 32 | 24 | 8 | ... | ... | 21 | 1 | ... | 10 | 1 | ... | 1 | 23 | 40 |
| 34 | | Kasur ... | 17,336 | 6 | 2 | 8 | 14 | 9 | 5 | ... | ... | 8 | 2 | ... | 4 | ... | 2 | 2 | 24 | 42 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 67 | 57 | 124 | 153 | 74 | 79 | ... | ... | 54 | 1 | 1 | 97 | 12 | 20 | 32 | 45 | 55 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 15 | 16 | 31 | 14 | 10 | 4 | ... | ... | 10 | ... | ... | 4 | 2 | 1 | 3 | 67 | 30 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 17 | 11 | 28 | 52 | 30 | 22 | ... | 9 | 8 | 1 | ... | 34 | 4 | 3 | 7 | 43 | 80 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 7 | 12 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | 1 | ... | 1 | 33 | 19 |
| 39 | | Jalalpur ... | 12,839 | 3 | 9 | 12 | 6 | 2 | 4 | ... | ... | 2 | ... | ... | 4 | ... | 2 | 2 | 49 | 24 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 10 | 15 | 25 | 14 | 11 | 3 | ... | 4 | 7 | ... | ... | 3 | 3 | ... | 3 | 57 | 32 |
| 41 | | Wazirabad ... | 16,462 | 9 | 6 | 15 | 9 | 7 | 2 | ... | ... | 4 | 2 | ... | 5 | 4 | ... | 4 | 48 | 29 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 4 | 5 | 9 | 5 | 2 | 3 | ... | ... | 3 | 1 | ... | 1 | ... | 1 | 1 | 31 | 17 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 2 | 5 | 5 | 4 | 1 | ... | 1 | 2 | 1 | 1 | ... | 1 | ... | 1 | 16 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 4 | 3 | 7 | 17 | 7 | 10 | ... | ... | 10 | 4 | ... | 3 | 1 | 2 | 3 | 22 | 53 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 13 | 6 | 19 | 31 | 19 | 12 | ... | 1 | 12 | ... | ... | 18 | 1 | 5 | 6 | 36 | 58 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 28 | 13 | 41 | 34 | 14 | 20 | ... | 4 | 20 | 1 | ... | 9 | 4 | 5 | 9 | 36 | 30 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 3 | 10 | 11 | 6 | 5 | ... | ... | 6 | 1 | ... | 4 | 1 | 2 | 3 | 39 | 43 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 2 | 3 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 14 | ... |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 3 | 7 | 10 | 3 | 1 | 2 | ... | ... | 2 | ... | ... | 1 | 1 | ... | 1 | 27 | 8 |
| Birth and death rate of London for the week ending 1st February 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31·8 | 21·8 |
| GRAND TOTAL ... | | | 13,11,330 | 473 | 418 | 891 | 986 | 550 | 436 | ... | 25 | 452 | 39 | 4 | 466 | 118 | 89 | 207 | 35 | 39 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | | |
| Simla ... ... ... ... ... | | | 12,305 | 3 | 1 | 4 | 9 | 3 | 6 | ... | ... | 5 | ... | 1 | 3 | ... | 1 | 1 | 17 | 38 |
| Dharmsala ... ... ... ... | | | 3,839 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalhousie ... ... ... ... | | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree... ... ... ... ... | | | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 13th March 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 22nd February* 1890.

*General Results.*—The return is incomplete, the registers for the Police Station of the Okára in the Montgomery District, Miáni Town in the Shahpur District, and Bannu District for the present week and Police Station Guhla in the Karnál District for the previous week not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 11,435 against 11,704 in the previous week and 8,429 in the corresponding week of the past year, giving respectively an annual death-rate of 32·3, 33·1 and 23·8 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 221 deaths were registered against 164 in the previous week and 231 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,867 deaths against 8,209 in the previous week and 5,688 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 257 deaths against 258 and 190.

*Chest disease.*—Nine hundred and sixty against 947 and 674.

*Snake-bite.*—One against 3 and 3.

*Hydrophobia.*—One against 3 and 5.

*All other causes.*—Two thousand one hundred and twenty-eight against 2,120 in the previous week and 1,638 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand six hundred and eighty-seven deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,440 were males and 1,247 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 986 deaths were registered (550 males and 436 females), giving a death-rate of 39 per mille of population; 891 births were registered (473 males and 418 females), giving a birth-rate of 35 per mille of population.

LAHORE:
*The* 17*th March* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—20-3-90—690.

No. 13 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 27, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 25th MARCH 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Rabi. | Kharif. |
| 1 | Hissar ... | Slight rainfall. | Fodder scarce. | Rising. | Crops withering. | ... |
| 2 | Delhi ... | 0·14 | Do. | Stationary. | Condition of crops on baráni lands remains unaltered. | ... |
| 3 | Umballa ... | 0·55 | ... | Do. | Recent rain has somewhat improved the condition of rabi crop. Prospects very poor. | ... |
| 4 | Jullundur ... | 0·55 | Fodder scarce. | Do. | Crops average. | Cotton and sugarcane ploughings in progress. |
| 5 | Ferozepore ... | 0·10 at Sadr. 0·13 in Moga. 0·34 in Zíra. | Fodder sufficient. | Do. | ... | ... |
| 6 | Amritsar ... | 0·66 average. | Do. | Do. | Irrigated crops average; baráni poor. Complaints of short canal supply in parts of district. | ... |
| 7 | Siálkot ... | Slight rainfall. | Fodder scarce. | Rising. | Slight rainfall has scarcely benefitted the crops on baráni lands. | ... |
| 8 | Lahore ... | 0·10 at Sadr. 0·36 in Kasúr. 0·42 in Chunián. 0·13 in Sharakpur. | Fodder scarce in parts of district. | Stationary. | Sowings of extra rabi going on. Prospects of standing crops on cháhi and nahri lands average, and those on baráni land inferior. | Ploughings for kharif in progress. |
| 9 | Mooltan ... | 0·07 in Lodhrán. 0·32 in Shujabad. 0·50 in Mooltan. 0·18 in Kabirwála. | Fodder scarce in Ráwa. | Do. | Prospects not better. | ... |
| 10 | Ráwalpindi ... | 0·79 at Ráwalpindi. 0·28 in Fatahjang. 0·10 in Attock. 1·30 in Gujar Khan. 0·85 in Kahúta. 1·00 in Murree. | Fodder scarce in Pindigheb. | Do. | Prospects average. | ... |
| 11 | Shahpur ... | Slight rainfall. | Fodder sufficient. | Do. | Crop much below average. Rain wanted. | ... |
| 12 | D. I. Khan ... | 0·14 | Fodder supply decreasing. | Do. | Crops slightly damaged by hail in Dera Tahsíl. | ... |
| 13 | Peshawar ... | 0·05 | Fodder sufficient. | Rising. | Prospects average on abí lands. No sowings on baráni lands. Rain much wanted. | ... |

*GENERAL REMARKS.*

Slight rain has fallen throughout the Province. Prices rising in Hissar, Siálkot and Peshâwar; stationary elsewhere. Ploughings for kharif in progress. More rain wanted. Crops generally suffering for want of rain. Prospects of crops on irrigated lands are reported to be average, but poor elsewhere. Crops slightly damaged by hail in Dera Ismail Khan Tahsil. Fodder scarce, except in Ferozepor, Amritsar, Shahpur and Peshâwar,

PESTONJI, *Supdt.*,

***Office of Director of Land Records and Agriculture, Punjab.***

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING FEBRUARY 1890.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, February 1890. | Normal direction and force, February. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | Humidity. | Vapour tension. | Amount of cloud; 10 = overcast. |
| Delhi ... | 30·023 | + 008 | N. 83° W. 3 | N. 66° W. 4 | 56·6 | 79·7 | + 4·1 | 53·2 | + 1·5 | + 2·8 | 47 | ·218 | 3 |
| Sirsa ... | 30·029 | + 001 | N. 65° W. 6 | N. 28° W. 3 | 51·4 | 79·6 | + 4·0 | 45·6 | — 0·2 | + 1·9 | 65 | ·254 | 4 |
| Ludhiána ... | 30·010 | — 004 | N. 61° W. 3 | N. 48° W. 2 | 52·9 | 76·0 | + 4·1 | 47·1 | + 1·0 | + 2·6 | 60 | ·247 | 5 |
| Lahore ... | 30·033 | 0 | N. 45° W. 2 | N. 25° W. 2 | 50·5 | 75·6 | + 4·5 | 43·7 | — 1·5 | + 1·5 | 65 | ·238 | 3 |
| Montgomery ... | 30·006 | ? | N. 5° E. 5 | ? ? | 54·9 | 78·1 | ? | 45·7 | ? | ? | 47 | ·206 | 4 |
| Siálkot ... | 30·010 | — 007 | N. 24° W. 2 | N. 72° W. 2 | 50·7 | 74·2 | + 4·5 | 44·9 | — 0·2 | + 2·2 | 71 | ·268 | 3 |
| Ráwalpindi ... | 30·057 | + 028 | N. 2° W. 2 | N. 77° W. 2 | 46·3 | 69·8 | + 5·1 | 40·6 | + 0·1 | + 2·6 | 70 | ·223 | 4 |
| Khusháb ... | 30·062 | ? | N. 34° W. 3 | ? ? | 48·4 | 69·8 | ? | 43·3 | ? | ? | 82 | ·280 | 3 |
| Pesháwar ... | 30·077 | + 016 | S. 19° W. 5 | N. 51° W. 3 | 48·4 | 70·5 | + 4·6 | 43·5 | + 2·1 | + 3·4 | 59 | ·202 | 5 |
| Dera Ismail Khan ... | 30·048 | — 007 | N. 37° W. 2 | N. 4° W. 2 | 51·5 | 75·6 | + 3·7 | 44·0 | — 0·1 | + 1·8 | 52 | ·197 | 3 |
| Mooltan ... | 30·043 | + 001 | S. 6° E. 1 | N. 5° E. 2 | 53·5 | 79·1 | + 5·9 | 47·6 | + 1·8 | + 3·9 | 51 | ·214 | 3 |
| Simla ... | 23·232 | + 027 | S. 16° E. ... | S. 17° W. 2 | 44·0 | 55·1 | + 2·7 | 39·3 | + 3·2 | + 3·0 | 44 | ·125 | 5 |
| Murree ... | 23·846 | + 031 | S. 59° E. 8 | S. 39° E. 8 | 42·2 | 54·6 | + 7·0 | 37·5 | + 3·3 | + 5·2 | 44 | ·112 | 4 |

In all years there is a very considerable resemblance between the weather of January and February over Northern India. In years of considerable atmospheric disturbance, conditions in February are usually as unsettled as during January, and in some years the coldest period and the most unsettled period of the winter occurs in this month. In the present year the weather, like January, has been exceptionally settled, warm and dry, and such disturbances as have occurred have produced exceedingly little effect on the weather.

From the 1st to the 5th this Province, relatively to the rest of India, was the seat of a high pressure area, but on the 5th a rapid barometric fall occurred in Sind, and on the following day a slight depression was shown over the south of the Province. This depression occasioned strongish easterly winds over the north of the Punjab and slightly cloudy weather, but the only precipitation was slight snow at Murree. With its disappearance the barometer rose and pressure was again high until the 14th, when the barometer again fell fast in Sind. Another depression appeared over the Indus Valley, and travelling on a course similar to that followed by the former one reached the south of the Punjab during the 15th. This disturbance was a fairly deep one, the barometer all over the Punjab reading from 0·2″ to 0·3″ below the normal average, but the rainfall

accompanying it, though fairly general over the Punjab, was slight, the heaviest amount reported being 0·89 inch at Ráwalpindi. This depression affords a striking example of how largely the effects of a similar amount of disturbance may vary in different seasons. In February of 1889 a depression of almost equal intensity followed approximately the same course as that mentioned above, but the rainfall in the two cases, as is shown in the following table, was remarkably dissimilar :—

| STATION. | Barometric depression, February 1889. | Barometric depression, February 1890. | Rainfall, 1889. | Rainfall, 1890. |
|---|---|---|---|---|
| | | | Inches. | Inches. |
| Delhi ... ... ... | — ·101″ | — ·206″ | ... | ... |
| Sirsa ... ... ... | — ·195″ | — ·260″ | 0·88 | 0·01 |
| Ludhiána ... ... ... | — ·184″ | — ·304″ | 1·87 | 0·12 |
| Lahore ... ... ... | — ·239″ | — ·280″ | 2·43 | 0·34 |
| Siálkot ... ... ... | — ·244″ | — ·282″ | 2·33 | 0·52 |
| Ráwalpindi ... ... ... | — ·244″ | — ·270″ | 3·73 | 0·89 |
| Pesháwar ... ... ... | — ·298″ | — ·281″ | 0·57 | 0·05 |
| Dera Ismail Khan ... ... | — ·318″ | — ·282″ | 0 43 | 0·05 |
| Mooltan ... ... ... | — ·274″ | — ·275″ | 0·29 | ... |
| Murree ... ... ... | — ·124″ | — ·233″ | 5·02 | 0·83 |
| Simla... ... ... ... | — ·054″ | — ·219″ | 1·69 | 0·63 |

It will be seen from this table that while the advantage as regards intensity of disturbance was with the 1890 depression, the rainfall in the latter case was trifling as compared with that in the former. After the disappearance of this disturbance pressure remained high over the Punjab until the close of the month, though slight rain occurred on or near the hills on the 20th and 21st.

*Pressure.*—The table at the commencement of the summary shows that there was some excess of pressure on and near the hills during the month, while on the plains away from the hills the pressure was almost exactly normal.

*Temperature.*—The weather was warm for the time of year. The greatest excess was in the day temperatures, the means of the maxima varying beetween 4° and 6° above the average. The night temperatures were less generally excessive, and at Dera Ismail Khan, Siálkot, Lahore and Sirsa there was a trifling deficiency. On the hills the excess was as marked as on the plains, and on some occasions the weather at Murree and Simla was phenomenally warm. Between the 10th and 15th, *i. e.*, just before the appearance of the only important depression of the month, the mean temperature at those two stations was between 10° and 15° higher than usual.

*Rain.*—The concluding table shows the total rainfall of the month. At Mooltan, Montgomery and Delhi there was no rain whatever, and in all other parts of the Province the total was largely in defect of the normal. The greatest deficiency relatively to the average was in the east and south, the least in the north-west, but on the average of the whole Province the total rainfall received was only about one-third of the normal. The actual figures are, normal rainfall 1·05 inch, actual rainfall 0·34 inch.

The following table gives the rainfall data for the Punjab stations for February 1890:—

| STATIONS. | Normal average rainfall in February. | Actual rainfall in February 1890. | Difference from the average in February 1890. |
|---|---|---|---|
| *Punjab, West.* | Inches. | Inches. | Inches. |
| Mooltan... ... ... ... ... ... | 0·36 | ... | —0·36 |
| Dera Ismail Khan ... ... ... ... ... | 0·32 | 0·05 | —0·27 |
| Khusháb ... ... ... ... ... ... | ? | 0·09 | ? |
| Peshá war ... ... ... ... ... | 0·93 | 0·23 | —0·70 |
| Murree ... ... ... ... .. ... | 2·59 | 1 24 | —1·35 |
| Ráwalpindi ... ... ... ... ... | 1·79 | 1·06 | —0·73 |
| Siálkot ... ... ... ... ... ... | 1·31 | 0·52 | —0·79 |
| Lahore ... ... ... ... ... ... | 0·90 | 0·34 | —0·56 |
| Montgomery ... ... ... ... ... | 0·59 | ... | —0·59 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 0·94 | 0·12 | —0·82 |
| Simla ... ... ... ... ... ... | 2·27 | 0·72 | —1·55 |
| Delhi ... ... ... ... ... ... | 0·41 | ... | —0·41 |
| Sirsa ... ... ... ... ... ... | 0·21 | 0·04 | —0·17 |

SIMLA : }
*The* 17*th March* 1890. }

W. L. DALLAS,
*Meteorological Reporter to the Government of Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Week ending 9th March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | Sunday 9th. | Total. | Special Remarks. |
| Gurgaon. | Taoru ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal ... | 30th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kilba *s* | 2nd March ... | ... | 2·21 | 0·03 | ... | ... | ... | ... | 2·24 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 16th MARCH 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of March 1890. Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 5th March ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | Locusts appeared in parts of Barwála Tahsíl, but did no damage and went towards Patiála. |
| | Fatahabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála ... | Ditto ... | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi ... | 4th March ... | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Bhiwáni ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla ... | 30th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar ... | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal ... | 30th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | Ditto ... | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Punahána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli ... | 23rd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal ... | 23rd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh ... | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar ... | 4th Do. ... | 0·03 | ... | ... | ... | ... | ... | ... | 0·03 | |
| | Rúpar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra C ... | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur C ... | 29th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki C ... | 4th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur C ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli s | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·60 | 0·60 | |
| | Simla s | 6th March ... | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Kot Khái ... | 4th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba s | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách .. | 9th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kulu s | 5th Do. ... | 0·23 | ... | ... | ... | ... | ... | ... | 0·23 | |
| | Nagar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pálampur ... | Ditto ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Hamirpur ... | Ditto ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Dera ... | Ditto ... | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Kángra ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála s | 4th March ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Nurpur ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya ... | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una ... | 9th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar ... | 4th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station ... | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur ... | 9th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th | Sunday 16th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 4th March | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Nakodar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála | 9th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 16th Feby. | 0·18 | ... | ... | ... | ... | ... | ... | 0·18 | |
| | Zíra | 4th March | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Ferozepore *s* | Ditto | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Ferozepore city | 15th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | Statements not received. |
| | Muktsar | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi *s* | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | 1st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan *s* | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 19th Do. | ... | ... | ... | ... | R. | ... | ... | ... | |
| Jhang. | Shorkot | 9th March | 0·09 | ... | ... | ... | ... | ... | ... | 0·09 | |
| | Jhang *s* | Ditto | 0·32 | ... | ... | ... | ... | ... | ... | 0·32 | |
| | Chiniot | 6th March | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| Montgomery. | Gugera | 9th March | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Montgomery *s* | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | Ditto | 0·19 | ... | ... | ... | ... | ... | ... | 0·19 | |
| | Dipálpur | Ditto | 0·04 | ... | ... | ... | ... | ... | ... | 0·04 | |
| Lahore. | Van *C* *b* | 6th March | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Chunián | 5th Do. | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Kasúr | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* *b* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore *s* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* | 5th March | 0·56 | ... | ... | ... | ... | ... | ... | 0·56 | |
| | Dafthu *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 5th March | ... | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Khara *C* | 9th Do. | 0·05 | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran | 9th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsíl | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdáspur. | Aliwál *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur *s* | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | 4th Do. | ... | ... | ... | ... | ... | ... | ... | 0·60 | |
| | Dalhousie *s* | 5th Do. | 0·60 | ... | ... | ... | ... | ... | ... | ... | |
| | Mádhopur *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Siálkot. | Zafarwál | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot *s* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of March 1890. Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | Total. | Special Remarks. |
| Gujrat. | Sadr *s* | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manawala | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh *s* | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 19th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 19th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur *s* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan | 9th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta | 5th Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Murree *s* | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hazara. | Abbott-abad *s* | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mansahra | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Peshawar. | Swábi | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doáb Daudzai | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pesháwar *s* | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát *s* | 6th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu | 21st Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 20th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bannu. | Miánwáli | 18th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Locusts appeared at Isa Khel and Miánwáli, but moved towards the hills without doing any injury to crops. |
| | Isa Khel | 20th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | 1st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 20th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan *s* | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan *s* | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 27th August | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | 8th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 27th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

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## Memo. of Errors

*For the week ending 9th March 1890.*

Against Khara (Amritsar District) insert in column 10, 0·20, and in column 11 *for* "0·18" *read* "0·38."

**AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF SIMLA AND HAZARA FOR THE MONTH OF FEBRUARY 1890, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 20th MARCH 1890.**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 28th February. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 28th Feby. 1890. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| Simla. | Kasauli ... | 7·84 | ... | 2·56 | ... | 1·91 | ... | 1·91 | Condition of crops improved in Kot Khai. In other parts of the district crops are still suffering for want of rain. Health of people good. |
| | Barauli ... | 5·91 | ... | 2·22 | 0·14 | 1·94 | ... | 1·94 | |
| | **Simla** ... | **8·03** | ... | **2·82** | **0·02** | **1·51** | ... | **1·51** | |
| | Kot Khai ... | 6·85 | ... | 2·42 | 0·90 | 2·30 | ... | 2·30 | |
| | Kot Garh ... | 7·41 | ... | 2·67 | 0·90 | 2·30 | ... | 2·30 | |
| | Kilba ... | ... | ... | ... | 5·15 | 7·41 | ... | 7·41 | |
| Hazara. | **Abbott-abad** ... | **10·99** | ... | **3·80** | **1·55** | **4·46** | ... | **4·46** | Rabi standing crops average, except on unirrigated tracts of Haripur, which are suffering from want of rain. Prices rising. A swarm of locusts passed over Khánpur, Bakot and Balakot and back again to Ráwalpindi and Kashmir. Small swarms pass backwards and forwards between Khánpur and Ráwalpindi. No great harm done in this district as the great swarm settled on the partially barren hills. |
| | Mansahra ... | 9·06 | ... | 2·97 | 0·96 | 4·25 | ... | 4·25 | |
| | Haripur ... | 7·90 | ... | 2·60 | 0·72 | 1·92 | ... | 1·92 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

**Memo. of Errors to the Agricultural Prospect Report for the months of January and February 1890.**

Against Jagádhri (Umballa District) *read* in columns 7 and 9, 0·60 instead of 0·06.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Penniscetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 17 | 20 | 25 | 26 | 27 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 25 | 20 | 21 | 21 |
| Rohtak ... | 15 | 16 | 20 | 22 | 22 | 22 | ... | ... | ... | 10 | 10 | 11 | 20 | 22 | 26 | 19 | 19 | 24 |
| Gurgaon ... | 16 | 16 | 20 | 23 | 24 | 28 | ... | ... | ... | 10 | 10 | 11 | 24 | 24 | 26 | 19 | 19 | 23 |
| Delhi ... | 16 | 15 | 19 | 22 | 21 | 28 | ... | ... | ... | 12 | 12 | 11 | 20 | 20 | 25 | 18 | 18 | 21 |
| Karnál ... | 16 | 16 | 20 | 22 | 24 | 29 | ... | ... | ... | 11 | 11 | 12 | 20 | 20 | 27 | 18 | 20 | 18 |
| Umballa ... | 17 | 17 | 23 | 22 | 25 | 29 | ... | ... | ... | 11 | 11 | 12 | 20 | 24 | 29 | 20 | 22 | 16 |
| Simla ... | 13 | 13 | 14 | 20 | 20 | § | ... | ... | ... | 9 | 9 | 9 | 15 | 15 | 16 | 15 | 13 | 14 |
| Kángra ... | 16 | 16 | 13 | 23 | 24 | 17 | ... | ... | ... | 11 | 11 | 12 | 12 | 14 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 17 | 20 | 23 | 30 | 28 | 30 | ... | ... | ... | 10 | 10 | 10 | 22 | 28 | 30 | 21 | 22 | 22 |
| Jullundur ... | 19 | 18 | 22 | 28 | 26 | 28 | ... | ... | ... | 8 | 8 | 8 | 22 | 24 | 30 | 20 | 20 | 20 |
| Ludhiána ... | 19 | 17 | 24 | 28 | 26 | 32 | ... | ... | ... | 12 | 12 | 12 | 23 | 22 | 30 | 22 | 24 | 26 |
| Ferozepore ... | 19 | 19 | 20 | 20 | 32 | 27 | ... | ... | ... | 10 | 10 | 10 | 25 | 26 | 25 | 22 | 24 | 21 |
| Mooltan ... | 14 | 16 | 17 | 28 | 29 | 28 | ... | ... | ... | 12 | 10 | 9 | 22 | 25 | 25 | 20 | 20 | 20 |
| Jhang ... | 17 | 16 | 21 | 31 | 31 | 33 | ... | ... | ... | 10 | 9 | 10 | 22 | 23 | 26 | 21 | 22 | § |
| Montgomery ... | 17 | 18 | 19 | 26 | 28 | 24 | ... | ... | ... | 9 | 11 | 9 | 24 | 24 | 24 | 20 | 20 | 18 |
| Lahore ... | 17 | 16 | 18 | 26 | 28 | 29 | ... | ... | ... | 11 | 11 | 7 | 26 | 25 | 27 | 18 | 18 | 18 |
| Amritsar ... | 19 | 17 | 21 | 29 | 27 | 28 | ... | ... | ... | 10 | 10 | 11 | 21 | 22 | 24 | 22 | 21 | 19 |
| Gurdáspur ... | 18 | 18 | 18 | 22 | 22 | 24 | ... | ... | ... | 14 | 14 | 12 | 20 | 20 | 23 | 14 | 14 | 14 |
| Siálkot ... | 15 | 17 | 19 | 28 | 28 | 30 | ... | ... | ... | 12 | 13 | 12 | 24 | 22 | 27 | 21 | 22 | 24 |
| Gujrát ... | 18 | 19 | 20 | 28 | 29 | 23 | ... | ... | ... | 11 | 13 | 9 | 30 | 30 | 25 | 22 | 22 | 23 |
| Gujránwála ... | 17 | 16 | 21 | 30 | 29 | 30 | ... | ... | ... | 12 | 12 | 10 | 23 | 23 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 20 | 34 | 33 | 30 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 25 | 24 | 24 | 24 |
| Jhelum ... | 18 | 17 | 20 | 30 | 30 | 26 | ... | ... | ... | 14 | 12 | 9 | 25 | 25 | 26 | 23 | 21 | 20 |
| Ráwalpindi ... | 18 | 17 | 16 | 36 | 35 | 24 | ... | ... | ... | 12 | 13 | 11 | 35 | 35 | 21 | 23 | 23 | 20 |
| Hazára ... | 20 | 19 | 16 | 34 | 32 | 19 | ... | ... | ... | 13 | 12 | 11 | § | 20 | § | 20 | 22 | 18 |
| Peshâwar ... | 17 | 19 | 16 | 45 | 45 | 29 | ... | ... | ... | 10 | 11 | 10 | 35 | 35 | 24 | 21 | 21 | 15 |
| Kohát ... | 21 | 23 | 16 | 43 | 43 | 23 | ... | ... | ... | 17 | 16 | 12 | 30 | 30 | 18 | 30 | 27 | 17 |
| Bannu ... | 24 | 25 | 18 | 55 | 53 | 23 | ... | ... | ... | 15 | 15 | 10 | 43 | 40 | 23 | 31 | 31 | 18 |
| D. I. Khan ... | 17 | 20 | 21 | 39 | 39 | 43 | ... | ... | ... | 9 | 9 | 8 | 35 | 35 | 26 | 30 | 31 | 25 |
| D. G. Khan ... | 16 | 17 | 18 | 26 | 28 | 25 | ... | ... | ... | 8 | 8 | 9 | 25 | 25 | 23 | 24 | 23 | 20 |
| Muzaffargarh | 16 | 17 | 19 | 25 | 25 | 25 | ... | ... | ... | 13 | 13 | 13 | 20 | 20 | 20 | 20 | 19 | 20 |

§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th MARCH 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | ‡ | † | † | ‡ | 23 | 25 | 26 |
| † | † | ‡ | 16 | 16 | 15 | 21 | 23 | 30 |
| † | † | † | † | † | ‡ | 23 | 22 | 20 |
| † | † | † | 12 | 12 | 14 | 22 | 21 | 28 |
| 20 | 22 | 22 | 16 | 18 | 18 | 21 | 21 | 32 |
| 18 | 20 | 20 | 9 | 9 | 10 | 23 | 22 | 30 |
| 17 | 18 | § | 8 | 8 | 8 | 17 | 19 | 17 |
| | | | | | | | | |
| 25 | 24 | 24 | 8 | 8 | 8 | 18 | 22 | 19 |
| 14 | 14 | 16 | 16 | 24 | 26 | 22 | 25 | 26 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 22 | 25 |
| † | † | † | 20 | 16 | 20 | 24 | 22 | 30 |
| † | † | † | 22 | 24 | 16 | 27 | 27 | 27 |
| | | | | | | | | |
| † | † | † | 22 | 26 | 24 | 19 | 20 | 20 |
| 20 | 22 | 16 | 22 | 25 | 20 | 18 | 18 | 18 |
| § | § | § | 30 | 32 | 26 | 24 | 24 | 25 |
| § | § | § | 30 | 30 | 20 | 24 | 22 | 25 |
| † | † | † | 20 | 20 | 22 | 23 | 23 | 26 |
| † | † | † | 16 | 16 | 12 | 22 | 23 | 20 |
| | | | | | | | | |
| § | § | § | 28 | 28 | 22 | 22 | 23 | 25 |
| † | † | † | 12 | 12 | 12 | 22 | 23 | 23 |
| § | § | § | 18 | 18 | 13 | 23 | 23 | 24 |
| 20 | 20 | 16 | 20 | 20 | 20 | 26 | 27 | 26 |
| ‡ | ‡ | ‡ | ‡ | ‡ | 12 | 23 | 22 | 25 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 24 | 24 | 22 |
| | | | | | | | | |
| † | † | † | 12 | 16 | 12 | 20 | 19 | 16 |
| † | † | † | 21 | 21 | 18 | 20 | 20 | 19 |
| † | § | § | 34 | 20 | ‡ | 20 | 27 | 21 |
| | | | | | | | | |
| 9 | 8 | 8 | 9 | 8 | 8 | 35 | 35 | 21 |
| § | § | § | 6 | 6 | 6 | 27 | 28 | 22 |
| § | § | § | § | § | § | 21 | 22 | 21 |
| § | § | § | § | § | § | 19 | 20 | 14 |

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 17 seers as compared with 18 seers in last fortnight and 19 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Umballa ... | 23 | 17 | 17 |
| Hoshiárpur ... | 23 | 20 | 17 |
| Jhang ... | 21 | 16 | 17 |
| Siálkot ... | 19 | 17 | 15 |
| Kohát ... | 16 | 23 | 21 |
| Bannu ... | 18 | 25 | 24 |

*Barley.*—Prices average 29 seers as compared with 30 seers in last fortnight and 27 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Umballa ... | 29 | 25 | 22 |
| Ferozepore ... | 27 | 32 | 20 |
| Jhang ... | 23 | 31 | 31 |
| Gujrát ... | 23 | 29 | 28 |
| Kohát ... | 23 | 43 | 43 |
| Bannu ... | 23 | 53 | 55 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Umballa ... | 12 | 11 | 11 |
| Kángra ... | 12 | 11 | 11 |
| Lahore ... | 7 | 11 | 11 |
| Jhelum ... | 9 | 12 | 14 |
| Kohát ... | 12 | 16 | 17 |
| Bannu ... | 10 | 15 | 15 |

*Jowár.*—Prices average 25 seers as compared with 25 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Umballa ... | 29 | 24 | 20 |
| Jullundur ... | 30 | 24 | 22 |
| Jhang ... | 26 | 23 | 22 |
| Báwalpindi ... | 21 | 35 | 35 |
| Kohát ... | 18 | 30 | 30 |
| Bannu ... | 23 | 40 | 43 |

*Bájra.*—Prices average 21 seers as compared with 21 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers | Seers. |
| Rohtak ... | 24 | 19 | 19 |
| Ludhiána ... | 26 | 24 | 22 |
| Amritsar ... | 19 | 21 | 22 |
| Siálkot ... | 24 | 22 | 21 |
| Kohát ... | 17 | 27 | 30 |
| Bannu ... | 18 | 31 | 31 |

*Gram.*—Prices average 23 seers as compared with 24 seers in last fortnight and 24 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Karnál ... | 32 | 21 | 21 |
| Ludhiána ... | 30 | 22 | 24 |
| Amritsar ... | 26 | 23 | 23 |
| Siálkot ... | 25 | 23 | 22 |
| Hazára ... | 16 | 19 | 20 |
| Bannu ... | 21 | 35 | 35 |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | | | | | | | |
| | | | | | | | | | | Present fortnight ending 15th March 1890. | | | | Past fortnight ending 28th Feby. 1890. | | | | Corresponding fortnight of 1889. | | | |
| DISTRICT. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Whole-sale. | | Retail. | | Whole-sale. | | Retail. | | Whole-sale. | | Retail. | |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | C. | Srs. | C. | Srs. | C. | Srs. | C. | Srs. | C. | Srs. | C. |
| Hissar ... | 19 | 18 | 18 | † | † | ‡ | 120 | 100 | 85 | 12 | 4 | 12 | 0 | 12 | 2 | 12 | 0 | 12 | 0 | 11 | 8 |
| Rohtak ... | 18 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 | 0 | 11 | 0 | 11 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Gurgaon ... | 24 | 24 | 20 | 20 | 20 | 16 | 130 | 130 | 130 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Delhi ... | 18 | 19 | 25 | 25 | 25 | 22 | 80 | 80 | 80 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Karnál ... | 20 | 24 | 30 | 19 | 21 | 20 | 160 | 160 | 120 | 11 | 0 | 10 | 8 | 11 | 0 | 10 | 8 | 10 | 8 | 10 | 0 |
| Umballa ... | 22 | 22 | 30 | 20 | 20 | 19 | 140 | 140 | 130 | 13 | 0 | 12 | 0 | 13 | 0 | 13 | 0 | 13 | 0 | 12 | 0 |
| Simla ... | 18 | 20 | 20 | 11 | 11 | 10 | 65 | 65 | 65 | 10 | 4 | 9 | 8 | 10 | 4 | 9 | 8 | 10 | 0 | 9 | 0 |
| Kángra ... | 18 | 21 | 18 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | | 10 | 0 | ‡ | | 10 | 0 | ... | | 10 | 0 |
| Hoshiárpur ... | 23 | 26 | 27 | 14 | 15 | 18 | 88 | 85 | 120 | 13 | 4 | 13 | 2 | 12 | 12 | 12 | 8 | 13 | 2 | 13 | 0 |
| Jullundur ... | 22 | 25 | 33 | ‡ | ‡ | ‡ | 100 | 90 | 100 | 13 | 0 | 12 | 0 | 12 | 8 | 12 | 0 | 13 | 0 | 12 | 8 |
| Ludhiána ... | 24 | 22 | 32 | 13 | 13 | 14 | 110 | 110 | 110 | 13 | 12 | 13 | 0 | 13 | 0 | 13 | 0 | 13 | 0 | 12 | 8 |
| Ferozepore ... | 25 | 26 | 25 | 11 | 11 | 11 | 100 | 100 | 100 | 13 | 4 | 13 | 0 | 13 | 4 | 13 | 0 | 13 | 4 | 13 | 0 |
| Mooltan ... | 22 | 24 | 22 | † | † | † | 100 | 100 | 100 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 13 | 0 | 13 | 0 |
| Jhang ... | 24 | 23 | 26 | 10 | 10 | 10 | 240 | 240 | 240 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 14 | 0 | 13 | 0 |
| Montgomery... | 26 | 28 | 22 | 12 | 12 | 12 | 200 | 200 | 200 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Lahore ... | 24 | 23 | 23 | 12 | 12 | 12 | 85 | 85 | 95 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 |
| Amritsar ... | 22 | 23 | 25 | † | † | † | 90 | 90 | 90 | 14 | 0 | 13 | 0 | 13 | 0 | 12 | 0 | 14 | 0 | 13 | 0 |
| Gurdáspur ... | 23 | 24 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 14 | 0 | 13 | 0 |
| Siálkot ... | 23 | 22 | 22 | § | 12 | 13 | 120 | 120 | 160 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 |
| Gujrát ... | 25 | 23 | 23 | † | † | † | 120 | 120 | 120 | * | | 14 | 0 | * | | 13 | 12 | * | | 13 | 0 |
| Gujránwála ... | 23 | 23 | 20 | § | § | § | 85 | 85 | 85 | 13 | 8 | 13 | 0 | 13 | 8 | 13 | 0 | 13 | 0 | 13 | 0 |
| Shahpur ... | 27 | 27 | 21 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 |
| Jhelum ... | 26 | 23 | 22 | ‡ | ‡ | ‡ | 130 | 130 | 160 | 14 | 0 | 14 | 0 | 14 | 0 | 14 | 0 | ... | | 14 | 0 |
| Ráwalpindi ... | 28 | 29 | 21 | 26 | 26 | 18 | 85 | 90 | 100 | 13 | 12 | 13 | 8 | 13 | 12 | 13 | 8 | 13 | 12 | 13 | 8 |
| Hazára ... | 32 | 28 | 17 | † | † | † | 100 | 100 | 100 | * | | 11 | 0 | * | | 11 | 0 | * | | 11 | 0 |
| Pesháwar ... | 32 | 32 | 22 | 29 | 30 | 23 | 110 | 115 | 100 | 41 | 0 | 39 | 0 | 42 | 0 | 40 | 0 | 42 | 0 | 41 | 0 |
| Kohát ... | 32 | 33 | 18 | † | § | § | 143 | 160 | 125 | 65 | 0 | 60 | 0 | 65 | 0 | 60 | 0 | 60 | 0 | 50 | 0 |
| Bannu ... | 46 | 45 | 24 | 13 | 13 | 13 | 60 | 60 | 60 | 50 | 0 | 40 | 0 | 50 | 0 | 40 | 0 | 50 | 0 | 40 | 0 |
| D. I. Khan ... | 27 | 30 | 17 | 15 | 15 | § | 125 | 125 | 112 | 48 | 0 | 46 | 0 | 49 | 0 | 46 | 0 | 47 | 0 | 45 | 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 75 | 29 | 0 | 28 | 0 | 29 | 0 | 28 | 0 | 29 | 0 | 27 | 8 |
| Muzaffargarh | § | § | § | 11 | 9 | 11 | 100 | 100 | 110 | * | | 11 | 0 | * | | 11 | 0 | * | | 12 | 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th MARCH 1890—concluded.

| 15 | | | 16 | | | |
|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 9 0 | 9 4 | 16 0 | 7 0 | 7 0 | 7 8 | |
| 10 0 | 10 0 | 18 0 | 8 0 | 8 0 | 9 0 | |
| 9 0 | 10 0 | 18 0 | 8 0 | 8 0 | 8 0 | |
| 8 0 | 8 0 | 12 0 | 7 0 | 6 0 | 7 0 | |
| 9 0 | 9 0 | 16 0 | 8 0 | 8 0 | 8 0 | |
| 9 8 | 10 0 | 14 0 | 7 8 | 7 8 | 8 0 | |
| 7 4 | 7 12 | 7 12 | 2 4 | 2 4 | 2 8 | |
| | | | | | | |
| 10 0 | 9 0 | 10 0 | 8 0 | 8 0 | 8 0 | |
| 9 0 | 9 4 | 12 0 | 7 0 | 7 8 | 8 0 | |
| 10 0 | 10 0 | 12 0 | 8 0 | 8 0 | 7 0 | |
| 11 0 | 10 0 | 12 0 | 9 0 | 8 0 | 9 0 | |
| 10 8 | 11 8 | 12 8 | 8 0 | 8 8 | 8 8 | |
| | | | | | | |
| 7 4 | 9 0 | 12 0 | 7 0 | 7 0 | 6 8 | |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 9 0 | |
| 9 0 | 10 0 | 11 0 | 9 0 | 10 0 | 9 0 | |
| 8 4 | 8 8 | 13 0 | 8 1 | 8 1 | 7 2 | |
| 11 0 | 10 0 | 15 0 | 8 0 | 8 0 | 8 0 | |
| 11 8 | 12 8 | 15 8 | 9 0 | 9 0 | 8 0 | |
| | | | | | | |
| 12 0 | 12 0 | 16 0 | 9 0 | 9 0 | 9 0 | |
| 12 0 | 11 0 | 14 0 | 8 0 | 9 0 | 8 0 | |
| 11 0 | 13 0 | 13 0 | 8 0 | 9 0 | 8 0 | |
| 10 0 | 10 0 | 12 0 | 8 0 | 8 0 | 8 0 | |
| 11 0 | 10 8 | 13 0 | 10 0 | 10 0 | 8 0 | |
| 9 0 | 10 8 | 11 0 | 10 0 | 10 0 | 8 0 | |
| | | | | | | |
| 8 0 | 8 0 | 9 0 | § | § | § | |
| 8 10 | 9 4 | 10 0 | 9 0 | 9 0 | 6 10 | |
| 10 12 | 11 0 | 10 12 | 10 0 | 10 0 | 8 0 | |
| | | | | | | |
| 15 0 | 15 0 | 18 0 | 9 6 | 8 12 | 8 12 | |
| 11 0 | 11 0 | 13 0 | 9 0 | 9 1 | § | |
| 6 14 | 7 13 | 10 0 | 8 8 | 8 8 | 8 12 | |
| 8 0 | 8 0 | 10 0 | 8 0 | 8 0 | 8 0 | |

*Maize.*—Prices average 25 seers as compared with 25 seers in last fortnight and 23 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 30 | 24 | 20 |
| Ludhiána | ... | 32 | 22 | 24 |
| Montgomery | ... | 22 | 28 | 26 |
| Ráwalpindi | ... | 21 | 29 | 28 |
| Hazára | ... | 17 | 28 | 32 |
| Bannu | ... | 24 | 45 | 46 |

§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 16 | 20 | 23 | 22 | 29 | ... | ... | ... | 13 | 13 | 12 | 21 | 21 | 26 | 19 | 19 | 22 | † | † | ... |
| Ferozepore ... | 19 | 19 | 20 | 20 | 32 | 27 | ... | ... | ... | 10 | 10 | 10 | 25 | 26 | 25 | 22 | 24 | 21 | † | † | ... |
| Mooltan ... | 15 | 16 | 18 | 29 | 30 | 29 | ... | ... | ... | 13 | 11 | 11 | 23 | 26 | 26 | 21 | 21 | 21 | † | † | ... |
| Lahore ... | 18 | 17 | 19 | 27 | 29 | 30 | ... | ... | ... | 11 | 11 | 10 | 27 | 26 | 28 | 19 | 20 | 20 | § | § | ... |
| Amritsar ... | 20 | 18 | 21 | 30 | 28 | 28 | ... | ... | ... | 11 | 11 | 11 | 22 | 23 | 24 | 23 | 22 | 19 | † | † | ... |
| Peshâwar ... | 18 | 20 | 17 | 46 | 47 | 30 | ... | ... | ... | 11 | 12 | 11 | 36 | 36 | 25 | 22 | 22 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th MARCH 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby, 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th March 1890. | Past fortnight ending 28th Feby. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 13 | 13 | 15 | 23 | 22 | 29 | 19 | 20 | 26 | 26 | 26 | 23 | 9 0 | 9 0 | 13 0 | 8 0 | 7 0 | 8 0 | |
| 22 | 24 | 16 | 27 | 28 | 27 | 25 | 26 | 25 | 11 | 11 | 11 | 10 8 | 11 12 | 12 8 | 8 0 | 8 8 | 8 8 | |
| 23 | 27 | 25 | 20 | 20 | 21 | 23 | 24 | 23 | † | † | ... | 7 8 | 9 8 | 12 0 | 7 8 | 7 8 | 7 0 | |
| 31 | 31 | 22 | 25 | 24 | 26 | 25 | 24 | 24 | 13 | 13 | 13 | 8 12 | 9 0 | 13 0 | 8 3 | 8 3 | 7 6 | |
| 21 | 21 | 22 | 24 | 24 | 26 | 23 | 24 | 25 | † | † | ... | 12 0 | 11 0 | 15 0 | 8 8 | 8 8 | 8 0 | |
| 22 | 22 | 19 | 21 | 21 | 20 | 33 | 33 | 23 | 30 | 31 | 24 | 8 13 | 9 7 | 11 0 | 9 5 | 9 4 | 6 12 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of February 1890.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 188 | |
| Receipts. Tollage. | Private boats | | Rs. | 198 | |
| | Government boats | | " | 20 | |
| | Rafts | | " | 3,589 | |
| | Hire of Government boats | | " | 67 | |
| | Total | | " | 3,874 | |
| Cost of Navigation Establishment | | | " | *861 | * Includes maintenance charges. |
| Net Revenue during month | | | " | 3,013 | |
| Boats plying. Number | | Cargo | No. | 32 | |
| | | Passengers | " | 8 | |
| Boats plying. Tonnage | | Cargo | Tons | 451 | |
| | | Passengers | " | 24 | |
| Ton mileage | | Up | " | 13,943 | |
| | | Down | " | 8,765 | |
| | | Total | " | 22,708 | |
| Estimated value of cargo | | Up | Rs. | 27,142 | |
| | | Down | " | 7,099 | |
| | | Total | " | 34,241 | |
| Number of passengers | | | No. | 350 | |
| Rafts | | Contents—Down | C. ft. | 86,068 | |
| | | Estimated value | Rs. | 49,585 | |
| Tollage on boats per ton per mile | | | Pies | 2 | |
| Description and quantities of goods carried. | Grain | Up | Tons | 96 | |
| | | Down | " | 2 | |
| | | Total | " | 98 | |
| | Salt | Up | " | 120 | |
| | Metals | Up | " | 1 | |
| | | Down | " | 10 | |
| | | Total | " | 11 | |
| | Building materials | Up | " | 1,307 | |
| | | Down | " | 308 | |
| | | Total | " | 1,615 | |
| | Fuel | Up | " | 48 | |
| | | Down | " | 1 | |
| | | Total | " | 49 | |
| | Timber | Up | " | 5 | |
| | | Down | " | 123 | |
| | | Total | " | 128 | |
| | Bamboos, &c. | Down | " | 3 | |
| | Miscellaneous | Up | " | 1 | |
| | | Down | " | 14 | |
| | | Total | " | 15 | |
| | Total Traffic | Up | " | 1,578 | |
| | | Down | " | 461 | |
| | | Total | " | 2,039 | |
| | Rafts. | Logs, round and squared—Down | " | 94 | |
| | | Sleepers, broad gauge. Down | " | 792 | |
| | | Sleepers, metre gauge—Down | " | 294 | |
| | | Ballas and Karries—Down | " | 70 | |
| | | Bamboos and Reeds—Down | " | 14 | |
| | | Total Rafts | " | 1,264 | |

LAHORE:
*The 25th March 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of February 1890.*

| Detail. | Unit. | | Remarks. |
|---|---|---|---|
| Length of channel open ... ... ... | Miles | 230 | |
| Receipts. Tollage. Private boats ... ... ... | Rs. | 428 | |
| Receipts. Tollage. Government boats ... ... | " | 73 | |
| Receipts. Tollage. Rafts ... ... ... | " | 10,511 | |
| Receipts. Total ... | " | 11,012 | |
| Cost of Navigation Establishment ... ... | " | * 403 | * Includes maintenance charges. |
| Net Revenue during month ... ... ... | " | 10,609 | |
| Boats plying. Number ... ... Cargo... ... | No. | 102 | |
| Boats plying. Number ... Passengers ... | " | ... | |
| Boats plying. Tonnage ... ... Cargo... ... | Tons | 2,109 | |
| Boats plying. Tonnage ... Passengers ... | " | ... | |
| Ton mileage ... ... Up ... ... | " | 81,018 | |
| Ton mileage Down... ... | " | 80.828 | |
| Ton mileage Total ... | " | 161,846 | |
| Estimated value of cargo ... Up ... | Rs. | 26,804 | |
| Estimated value of cargo Down ... | " | 22,135 | |
| Estimated value of cargo Total ... | " | 48,939 | |
| Number of passengers ... ... ... | No. | ... | |
| Rafts ... ... ... Contents, Down ... | C. ft. | 627,619 | |
| Rafts Estimated value ... | Rs. | 282,118 | |
| Tollage on boats per ton per mile ... ... | Pie. | 0·59 | |
| Do. rafts per 100 cubic feet ... ... | Re. | 1-10-9·55 | |
| Description and quantities of goods carried. Grain ... ... Up ... ... | Tons. | 3 | |
| Grain Down... ... | " | 18 | |
| Grain Total ... | " | 21 | |
| Cotton ... ... Down ... | " | 2 | |
| Building materials ... Up ... ... | " | 322 | |
| Fuel ... ... Up ... ... | " | 2,748 | |
| Fuel Down... ... | " | 260 | |
| Fuel Total ... | " | 3,008 | |
| Miscellaneous ... Up ... ... | " | 54 | |
| Miscellaneous Down ... ... | " | 131 | |
| Miscellaneous Total ... | " | 185 | |
| Total Traffic ... Up ... ... | " | 3,127 | |
| Total Traffic Down ... ... | " | 511 | |
| Total Traffic Total ... | " | 3,638 | |
| Rafts. Sleepers, broad gauge—Down ... ... | " | 1,744 | |
| Rafts. Sleepers, metre gauge—Down ... ... | " | 2,194 | |
| Rafts. Ballas and Karries—Down ... ... | " | 2,463 | |
| Rafts. Firewood —Down ... ... | " | 34 | |
| Total Rafts ... ... | " | 6,435 | |

LAHORE:
*The 25th March 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 1st MARCH 1890.

| No. | Districts. | Towns | Population. | Births. |  |  | Deaths. |  |  | Cause of Death. |  |  |  |  |  | Infants under one year of age. |  |  | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. |  |  |
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 3 | 6 | 9 | 3 | 6 | ... | 2 | 2 | 1 | ... | 4 | 1 | ... | 1 | 22 | 33 |
| 2 |  | Hansi ... | 12,656 | 6 | 6 | 12 | 29 | 17 | 12 | ... | ... | 17 | ... | ... | 12 | 4 | 5 | 9 | 49 | 119 |
| 3 |  | Bhiwani ... | 33,762 | 8 | 8 | 16 | 38 | 19 | 19 | ... | ... | 6 | 1 | ... | 31 | 3 | 4 | 7 | 25 | 59 |
| 4 |  | Sirsa ... | 12,292 | 3 | 1 | 4 | 14 | 6 | 8 | ... | ... | 9 | ... | ... | 5 | 1 | 2 | 3 | 17 | 59 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 1 | 4 | 5 | 8 | 3 | 5 | ... | ... | 3 | 2 | ... | 3 | 1 | 1 | 2 | 17 | 27 |
| 6 |  | Jhajjar ... | 11,650 | 8 | 2 | 10 | 5 | 3 | 2 | ... | ... | 1 | 1 | ... | 3 | ... | ... | ... | 45 | 22 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 4 | 6 | 10 | 7 | 5 | 2 | ... | 1 | 5 | ... | ... | 1 | ... | ... | ... | 21 | 15 |
| 8 |  | Palwal ... | 10,635 | 3 | 3 | 6 | 9 | 4 | 5 | ... | ... | 9 | ... | ... | ... | ... | ... | ... | 29 | 44 |
| 9 | Delhi ... | Delhi ... | 117,363 | 41 | 52 | 93 | 104 | 53 | 51 | ... | ... | 58 | 3 | 1 | 42 | 5 | 6 | 11 | 41 | 46 |
| 10 |  | " Suburbs ... | 52,882 | 10 | 5 | 15 | 18 | 10 | 8 | ... | ... | 14 | ... | ... | 4 | 3 | 1 | 4 | 15 | 18 |
| 11 |  | Sonepat ... | 13,077 | 5 | 4 | 9 | 7 | 5 | 2 | ... | ... | 4 | ... | ... | 3 | 3 | ... | 3 | 36 | 28 |
| 12 | Karnal ... | Karnal ... | 23,133 | 10 | 9 | 19 | 20 | 11 | 9 | ... | 2 | 11 | 1 | ... | 6 | 3 | 3 | 6 | 43 | 45 |
| 13 |  | Kaithal ... | 14,754 | 6 | 2 | 8 | 9 | 5 | 4 | ... | ... | 1 | 2 | ... | 6 | 1 | 1 | 2 | 28 | 32 |
| 14 |  | Panipat ... | 26,572 | 6 | 8 | 14 | 18 | 6 | 12 | ... | ... | 8 | 2 | . | 8 | 1 | 3 | 4 | 27 | [illegible] |
| 15 | Umballa ... | Umballa ... | 26,777 | 12 | 7 | 19 | 8 | 4 | 4 | ... | ... | 2 | 2 | ... | 4 | ... | 1 | 1 | 37 | [illegible] |
| 16 |  | Jagadhri ... | 12,300 | 2 | 5 | 7 | 5 | 4 | 1 | ... | 1 | 3 | ... | ... | 1 | 2 | 1 | 3 | 30 | 21 |
| 17 |  | Shahabad ... | 10,218 | 3 | 3 | 6 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | ... | ... | ... | 31 | 31 |
| 18 |  | Sadhaura ... | 10,794 | 1 | 1 | 2 | 3 | 2 | 1 | ... | ... | 2 | 1 | ... | ... | 1 | ... | 1 | 10 | 14 |
| 19 |  | Rupar ... | 10,326 | 1 | 4 | 5 | 5 | 2 | 3 | ... | 2 | ... | ... | ... | 3 | ... | 1 | 1 | 25 | 25 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 7 | 4 | 11 | 7 | 6 | 1 | ... | ... | 2 | ... | ... | 5 | 4 | 1 | 5 | 43 | 28 |
| 21 |  | Tanda and Urmar ... | 10,295 | ... | 10 | 10 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | 2 | 2 | 4 | 51 | 35 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 13 | 16 | 29 | 32 | 13 | 19 | ... | 1 | 18 | 1 | ... | 12 | 2 | 7 | 9 | 49 | 54 |
| 23 |  | " Suburbs ... | 11,474 | 9 | 3 | 12 | 7 | 4 | 3 | ... | ... | 3 | ... | ... | 4 | 1 | 1 | 2 | 55 | 32 |
| 24 |  | Rahon ... | 11,736 | 9 | 9 | 18 | 11 | 8 | 3 | ... | ... | 9 | ... | ... | 2 | 2 | 1 | 3 | 80 | 49 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 16 | 11 | 27 | 27 | 18 | 9 | ... | ... | 14 | ... | ... | 13 | 6 | ... | 6 | 32 | 32 |
| 26 |  | Jagraon ... | 16,873 | 9 | 9 | 18 | 13 | 6 | 7 | ... | ... | 4 | 1 | ... | 8 | 1 | 1 | 2 | 56 | 40 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 14 | 14 | 28 | 9 | 4 | 5 | ... | ... | 6 | 2 | ... | 1 | 1 | ... | 1 | 70 | 22 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 4 | 11 | 15 | 22 | 8 | 14 | ... | ... | 9 | 3 | ... | 10 | 3 | 6 | 9 | 25 | 36 |
| 29 |  | " Suburbs ... | 25,593 | 7 | 10 | 17 | 22 | 10 | 12 | ... | ... | 8 | 5 | ... | 9 | 4 | 5 | 9 | 35 | 45 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 7 | 5 | 12 | 5 | 2 | 3 | ... | ... | 3 | 1 | ... | 1 | ... | 3 | 3 | 50 | 21 |
| 31 |  | Chiniot ... | 10,731 | 7 | 7 | 14 | 3 | 2 | 1 | ... | ... | ... | ... | ... | 3 | 1 | ... | 1 | 68 | 14 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 39 | 29 | 68 | 85 | 49 | 36 | ... | ... | 48 | 2 | ... | 35 | 10 | 7 | 17 | 36 | 46 |
| 33 | | " Suburbs ... | 41,670 | 2 | 7 | 9 | 30 | 17 | 13 | ... | ... | 16 | 3 | ... | 11 | 2 | 2 | 4 | 11 | 38 |
| 34 | | Kasur ... | 17,336 | 5 | 2 | 7 | 5 | 3 | 2 | ... | ... | 4 | 1 | ... | ... | ... | 1 | 1 | 21 | 15 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 53 | 45 | 98 | 121 | 64 | 57 | ... | ... | 40 | 2 | 1 | 78 | 12 | 14 | 26 | 35 | 44 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 11 | 11 | 22 | 22 | 10 | 12 | ... | 1 | 14 | ... | ... | 7 | 1 | 3 | 4 | 47 | 47 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 11 | 11 | 22 | 45 | 25 | 20 | ... | 3 | 7 | 2 | ... | 33 | 5 | 5 | 10 | 34 | 69 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 3 | 8 | 17 | 11 | 6 | ... | 1 | 6 | ... | ... | 10 | 5 | 1 | 6 | 22 | 47 |
| 39 | | Jalalpur ... | 12,839 | 5 | 3 | 8 | 8 | 5 | 3 | ... | ... | 4 | ... | ... | 4 | ... | ... | ... | 32 | 32 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 8 | 7 | 15 | 15 | 10 | 5 | ... | 2 | 7 | 2 | ... | 4 | 4 | 1 | 5 | 34 | 34 |
| 41 | | Wazirabad ... | 16,462 | 4 | 4 | 8 | 10 | 2 | 8 | ... | ... | 7 | 1 | ... | 2 | 1 | 1 | 2 | 25 | 32 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 6 | 7 | 13 | 15 | 6 | 9 | ... | ... | 7 | 3 | ... | 5 | ... | 2 | 2 | 45 | 52 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 2 | 4 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 13 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 5 | 8 | 13 | 7 | 6 | ... | ... | 9 | 1 | ... | 3 | ... | 1 | 1 | 25 | 41 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 5 | 15 | 20 | 32 | 21 | 11 | ... | ... | 16 | 1 | ... | 15 | 3 | 2 | 5 | 38 | 60 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 18 | 11 | 29 | 33 | 20 | 12 | ... | 3 | 16 | 1 | ... | 12 | 7 | ... | 7 | 26 | 28 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | 2 | 5 | 10 | 3 | 7 | ... | ... | 4 | 2 | ... | 4 | 1 | ... | 1 | 19 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 5 | 3 | 8 | 8 | 4 | 4 | ... | ... | 5 | 1 | ... | 2 | ... | 1 | 1 | 22 | 22 |
| 49 | D. G. Khan ... | Dera Ghazi Khan ... | 19,687 | 3 | 1 | 4 | 5 | 1 | 4 | ... | ... | 4 | 1 | ... | ... | ... | 2 | 2 | 11 | 13 |
| Birth and death rate of London for the week ending 8th February 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31·9 | 20·6 |
| | | Grand Total ... | 1,311,330 | 423 | 410 | 833 | 965 | 513 | 452 | ... | 19 | 456 | 52 | 2 | 436 | 108 | 100 | 208 | 33 | 38 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | | |
| Simla ... | | | 12,305 | 4 | 1 | 5 | 5 | 4 | 1 | ... | ... | 1 | 1 | ... | 3 | 1 | ... | 1 | 21 | 21 |
| Dharmsala ... | | | 3,839 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 14 |
| Dalhousie ... | | | 870 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... |
| Murree ... | | | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 22nd March* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 1st March 1890.*

*General Results.*—The return for the present week is complete, but the register of Miani town in the Shahpur District for the previous week has not been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 11,499 against 11,698 in the previous week and 8,694 in the corresponding week of the past year, giving respectively an annual death-rate of 31·8, 32·4 and 24·1 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 209 deaths were registered against 227 in the previous week and 238 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,069 deaths against 8,084 in the previous week and 5,873 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 228 deaths against 261 and 180.

*Chest disease.*—Nine hundred and six against 970 and 634.

*Snake-bite.*—One against 1 and 3.

*Hydrophobia.*—One against 1 and 2.

*All other causes.*—Two thousand and eighty-five against 2,154 in the previous week and 1,764 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand seven hundred and forty-eight deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,468 were males and 1,280 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 965 deaths were registered (513 males and 452 females), giving a death-rate of 38 per mille of population; 833 births were registered (423 males and 410 females), giving a birth-rate of 33 per mille of population.

LAHORE:
*The* 22nd *March* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF JANUARY 1890.

| MONTH. | DOCUMENTS REGISTERED. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | REMARKS. |
|---|---|---|---|---|---|---|
| | Compulsory. | *Optional.* Relating to immoveable property. | *Optional.* Others. | | | |
| | | | | Rs. | Rs. | |
| January 1890 ... ... | 5,245 | 891 | 1,061 | 20,391 | 5,646 | |
| January 1889 ... ... | 4,896 | 799 | 945 | 18,662 | 11,311 | |
| Difference ... ... | + 349 | + 92 | + 116 | + 1,729 | — 5,665 | |
| First ten months of 1889-90 ... | 47,178 | 7,785 | 8,264 | 1,78,541 | 56,807 | |
| First ten months of 1888-89 ... | 50,248 | 8,608 | 8,428 | 1,88,281 | 94,368 | |
| Difference ... ... | — 3,070 | — 823 | — 164 | — 9,740 | — 37,561 | |

OFFICE OF INSPECTOR-GENERAL OF REGISTRATION, PUNJAB,
LAHORE:
*The 5th March* 1890.

T. GORDON WALKER,
*Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—27-3-90—690.

No. 14 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 3, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 1st APRIL 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Rabi. | Kharif. |
| 1 | Hissar ... | ... | Fodder scarce. | Rising. | Crops harvesting good on canal. Very poor elsewhere. | ... |
| 2 | Delhi ... | ... | Do. | Stationary. | Reaping commenced. | ... |
| 3 | Umballa ... | ... | ... | Do. | Prospects of crops very poor. | ... |
| 4 | Jullundur ... | ... | Fodder scarce. | Do. | Crops average. | Cotton sowings commenced. Sugarcane ploughings in progress. |
| 5 | Ferozepore ... | ... | Fodder sufficient. | Do. | Extra rabi sowings completed. Condition of standing crops fair. | ... |
| 6 | Amritsar ... | ... | Do. | Do. | Irrigated crops average; báráni, poor. Owing to canal bandi less water available in Tarn Táran. | ... |
| 7 | Siálkot ... | ... | Fodder scarce. | Do. | Practically no rain. Crops on báráni lands suffering. | ... |
| 8 | Lahore ... | ... | Fodder scarce in dry tracts. | Falling at Sharakpur. | Crops ripening. Outturn on báráni inferior. Elsewhere average. | Sowings of melons, cotton and tobacco in progress. |
| 9 | Mooltan ... | ... | Fodder scarce in Ráwa. | Stationary. | Crops withering, especially on Sidhnai. | ... |
| 10 | Ráwalpindi ... | 0·43 at Ráwalpindi. 0·55 in Fatahjang. 0·20 in Attock. 0·10 in Gujar Khan. 0·13 in Kahúta. 0·70 in Murree. | Fodder sufficient. | Do. | Prospects average. | ... |
| 11 | Shahpur ... | Slight rainfall. | Fodder sufficient. | Do. | Prospects on the whole below average. Extra rabi crops being sown on chahi lands. It is doubtful whether rainfall would now improve rabi crops. | ... |
| 12 | D. I. Khan ... | ... | Fodder supply decreasing. | Do. | Crops suffering. | ... |
| 13 | Peshâwar ... | 0·22 | Fodder sufficient. | Rising. | Prospects average on abí lands. Báráni crops in bad condition. Rain much wanted. | ... |

*GENERAL REMARKS.*

Slight rain in Ráwalpindi, Shahpur and Peshâwar. Prices rising in Hissar and Peshâwar; stationary elsewhere. Harvesting of rabi crops commenced. Cotton sowings and sugarcane ploughings in progress. More rain wanted. Crops on báráni lands generally suffering for want of rain. Prospects of crops on irrigated lands are average, but poor elsewhere. Fodder sufficient except in Hissar, Jullundur, Siálkot and parts of Mooltan.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.

*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 2nd March 1890.* | | | | | | | | |
| | | | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 1st. | Sunday 2nd. | | |
| D. G. Khan. | Fort Munro *s* | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 9th March 1890.* | | | | | | | | |
| | | | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | Sunday 9th. | | |
| Delhi. | Mahrauli ... | 23rd Jany. ... | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| D. G. Khan. | Fort Munro *s* | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 16th March 1890.* | | | | | | | | |
| | | | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th | Saturday 15th. | Sunday 16th. | | |
| Simla. | Kilba *s* | 5th March ... | ... | ... | ... | ... | ... | 0·13 | ... | 0·13 | |
| D. G. Khan. | Fort Munro *s* | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 23rd MARCH 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of March 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | Ditto | R. | ... | 0·05 | ... | ... | ... | ... | 0·05 | |
| | Hissar s | Ditto | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Hánsi | 10th March | ... | ... | 0·05 | ... | 0·06 | ... | ... | 0·11 | |
| | Bhiwáni | 5th Do. | ... | ... | 0·24 | ... | ... | ... | ... | 0·24 | |
| | Budhláda | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 4th March | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Gohána | Ditto | ... | ... | ... | 0·25 | ... | 0·01 | ... | 0·26 | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 5th March | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| Gurgaon. | Farukhnagar | 4th March | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Játusána | Ditto | ... | ... | 0·10 | 0·09 | ... | ... | ... | 0·19 | |
| | Rewári | Ditto | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Shahjahánpur | Ditto | ... | ... | 0·12 | ... | ... | ... | ... | 0·1[illegible] | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Nuh | 4th March | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Fírozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | } Ditto. |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 4th March | ... | ... | 0·11 | ... | ... | ... | ... | 0·11 | |
| | Palwal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | 10th March | ... | ... | 0·20 | 0·05 | ... | ... | ... | 0·25 | |
| | Punahána | 4th Do. | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| Delhi. | Ballabgarh | 4th March | ... | ... | ... | ... | 0·11 | ... | ... | 0·11 | |
| | Mahrauli | Ditto | ... | ... | ... | ... | 0·20 | ... | ... | 0·20 | |
| | Sadr (Delhi) s | Ditto | ... | ... | 0·14 | ... | ... | ... | ... | 0·14 | |
| | Sonepat | 5th March | ... | ... | ... | 0·20 | ... | 0·15 | ... | 0·35 | |
| Karnal. | Pánipat | 22nd Jany. | ... | ... | 0·16 | 0·50 | ... | ... | ... | 0·66 | Locusts appeared in Pánipat on 19th and 20th, but caused no damage. |
| | Karnál s | Ditto | ... | ... | 0·70 | ... | 0·05 | ... | ... | 0·75 | |
| | Rajaund | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 4th March | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| Umballa. | Pipli | 4th March | ... | ... | 0·21 | ... | ... | ... | ... | 0·21 | |
| | Jagádhri | Ditto | ... | ... | ... | 1·00 | ... | ... | ... | 1·00 | |
| | Umballa s | Ditto | ... | ... | 0·22 | 0·33 | ... | ... | ... | 0·55 | |
| | Naráingarh | 5th March | ... | ... | 0·03 | ... | 0·24 | ... | ... | 0·27 | |
| | Kharar | 10th Do. | ... | ... | ... | 0·20 | 0·46 | ... | ... | 0·66 | |
| | Rúpar | 4th Do. | ... | ... | ... | 0·20 | 1·32 | ... | ... | 1·52 | |
| | Kotra C | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur C | 29th August | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Raniki C | 4th March | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Dádupur C | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli s | 5th March | ... | ... | ... | ... | 0·88 | ... | ... | 0·88 | |
| | Barauli | 16th Do. | ... | ... | 0·01 | 0·07 | 1·14 | ... | ... | 1·22 | |
| | Simla s | 10th Do. | ... | ... | ... | 0·02 | 0·45 | 0·52 | ... | 0·99 | |
| | Kot Khái | 4th Do. | ... | ... | ... | 0·50 | 0·87 | ... | ... | 1·37 | |
| | Kotgarh | Ditto | ... | ... | ... | 0·50 | 0·87 | ... | ... | 1·37 | |
| | Kilba s | 15th March | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 9th March | ... | ... | ... | 0·52 | 0·61 | ... | ... | 1·13 | |
| | Kulu s | 10th Do. | ... | ... | ... | ... | 1·55 | 0·86 | ... | 2·41 | |
| | Nagar | 5th Do. | ... | ... | ... | ... | 2·50 | 0·30 | ... | 2·80 | |
| | Pálampur | 10th Do. | ... | ... | ... | ... | 1·62 | 1·10 | ... | 2·72 | |
| | Hamirpur | Ditto | ... | ... | ... | ... | 1·22 | 1·40 | ... | 2·62 | |
| | Dera | 5th March | ... | ... | ... | ... | 1·30 | 1·94 | ... | 3·24 | |
| | Kángra | Ditto | ... | ... | ... | ... | 1·83 | 0·14 | ... | 1·97 | |
| | Dharmsála s | 11th March | ... | ... | ... | ... | 1·22 | 0·30 | ... | 1·52 | |
| | Núrpur | 5th Do. | ... | ... | ... | ... | 0·45 | ... | ... | 0·45 | |
| Hoshiarpur. | Dasúya | 5th March | ... | ... | ... | ... | 0·52 | ... | ... | 0·52 | |
| | Una | 9th Do. | ... | ... | ... | 0·72 | ... | ... | ... | 0·72 | |
| | Garhshankar | 4th Do. | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Sadr Station | 5th Do. | ... | ... | ... | 1·08 | 0·11 | ... | ... | 1·19 | |
| | Hoshiárpur | 9th Do. | ... | ... | ... | 1·00 | 0·21 | ... | ... | 1·21 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 10th March | ... | ... | ... | 0·55 | ... | ... | ... | 0·55 | |
| | Nakodar | 4th Do. | ... | ... | ... | 1·10 | ... | ... | ... | 1·10 | |
| | Phillour | Ditto | ... | ... | ... | 1·04 | ... | ... | ... | 1·04 | |
| | Nawashahr | 5th March | ... | ... | ... | 0·85 | ... | ... | ... | 0·85 | |
| Ludhiana. | Samrála | 9th March | ... | ... | ... | 0·31 | ... | ... | ... | 0·31 | |
| | Ludhiána s | Ditto | ... | ... | ... | 1·04 | ... | ... | ... | 1·04 | |
| | Jagraon | Ditto | ... | ... | ... | 0·13 | ... | ... | ... | 0·13 | |
| Ferozepore. | Moga | 10th March | ... | ... | ... | ... | 0·13 | ... | ... | 0·13 | |
| | Zíra | Ditto | ... | ... | 0·23 | ... | 0·11 | ... | ... | 0·34 | |
| | Ferozepore s | Ditto | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Ferozepore city | 15th Feby. | ... | ... | ... | ... | 0·31 | R. | ... | 0·31 | |
| | Muktsar | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statements not received. |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsí s | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | 1st March | ... | ... | ... | ... | ... | ... | 0·28 | 0·28 | |
| | Mooltan s | 24th August | ... | ... | ... | 0·11 | ... | 0·02 | 0·24 | 0·37 | |
| | Kabírwála | 19th Do. | ... | ... | ... | ... | 0·02 | ... | 0·13 | 0·15 | |
| Jhang. | Shorkot | 10th March | ... | ... | ... | ... | 0·10 | 0·04 | ... | 0·14 | |
| | Jhang s | Ditto | ... | ... | ... | ... | R. | 0·03 | ... | 0·03 | |
| | Chiniot | Ditto | ... | ... | ... | ... | ... | ... | 0·16 | 0·16 | |
| Montgomery. | Gugera | 10th March | ... | ... | ... | ... | 0·15 | 0·03 | 0·07 | 0·25 | |
| | Montgomery s | 4th Do. | ... | ... | ... | R. | R. | R. | 0·05 | 0·05 | |
| | Pákpattan | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | Ditto | ... | ... | ... | ... | 0·14 | ... | 0·01 | 0·15 | |
| Lahore. | Van *C* b | 10th March | ... | ... | ... | ... | 0·43 | ... | 0·11 | 0·54 | |
| | Chunián | Ditto | ... | ... | ... | ... | 0·37 | ... | 0·05 | 0·42 | |
| | Kasúr | 9th March | ... | ... | ... | ... | 0·22 | ... | 0·14 | 0·36 | |
| | Pambe *C* b | 5th Do. | ... | ... | ... | ... | 0·33 | ... | ... | 0·33 | |
| | Sharakpur | 6th Do. | ... | ... | ... | 0·13 | ... | ... | ... | 0·13 | |
| | Niáz Beg *C* | 5th Do. | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Lahore s | 6th Do. | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Meean Meer *C* b | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* | 10th Do. | ... | ... | ... | ... | 0·56 | ... | ... | 0·56 | |
| | Dafthu *C* | 5th Do. | ... | ... | ... | ... | 0·35 | ... | ... | 0·35 | |
| Amritsar. | Buchar *C* b | 5th March | ... | ... | ... | ... | 0·17 | ... | ... | 0·17 | |
| | Khara *C* | 10th Do. | ... | ... | ... | ... | 1·27 | ... | ... | 1·27 | |
| | Tarn Táran | 9th Do. | ... | ... | ... | 0·42 | ... | ... | 0·05 | 0·47 | |
| | Raya *C* | 5th Do. | ... | ... | ... | 0·37 | ... | ... | ... | 0·37 | |
| | Jandiála *C* | Ditto | ... | ... | ... | 0·62 | ... | ... | ... | 0·62 | |
| | Jail Hospital s | 4th March | ... | ... | ... | 0·50 | ... | ... | R. | 0·50 | |
| | Amritsar Tahsíl | Ditto | ... | ... | ... | 0·85 | ... | ... | 0·03 | 0·88 | |
| | Amritsar *C* | 5th March | ... | ... | ... | ... | 0·48 | ... | ... | 0·48 | |
| | Buggeh *C* | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | Ditto | ... | ... | ... | 0·70 | ... | ... | 0·10 | 0·80 | |
| Gurdaspur. | Aliwál *C* | 5th March | ... | ... | ... | ... | 0·23 | ... | ... | 0·23 | |
| | Batála | 4th Do. | ... | ... | ... | 0·30 | ... | ... | 0·01 | 0·31 | |
| | Kaler *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | Ditto | ... | ... | ... | ... | 0·55 | ... | ... | 0·55 | |
| | Gurdáspur s | 4th March | ... | ... | ... | 0·58 | 0·17 | ... | 0·02 | 0·77 | |
| | Bhímpur *C* | 5th Do. | ... | ... | ... | ... | 0·31 | ... | ... | 0·31 | |
| | Pathánkot | 4th Do. | ... | ... | ... | 0·71 | ... | ... | ... | 0·71 | |
| | Dalhousie s | 10th Do. | ... | ... | R. | ... | 1·28 | ... | ... | 1·28 | |
| | Mádhopur *C* b | 5th Do. | ... | ... | ... | ... | 0·65 | ... | ... | 0·65 | |
| | Shakargarh | Ditto | ... | ... | ... | 0·85 | ... | ... | ... | 0·85 | |
| Sialkot. | Zafarwál | 5th March | ... | ... | ... | ... | 0·37 | ... | ... | 0·37 | |
| | Pasrúr | 6th Do. | ... | ... | ... | ... | 0·22 | ... | ... | 0·22 | |
| | Raya | 5th Do. | ... | ... | ... | ... | 0·37 | ... | ... | 0·37 | |
| | Daska | 6th Do. | ... | ... | ... | ... | 0·32 | ... | ... | 0·32 | |
| | Siálkot s | 5th Do. | ... | ... | ... | ... | 0·34 | ... | ... | 0·34 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | Total. | Special Remarks |
| Gujrat. | Sadr s | 6th March | ... | ... | ... | ... | 0·24 | ... | 0·01 | 0·25 | |
| | Gujrát | Ditto | ... | ... | ... | ... | 0·24 | ... | 0·02 | 0·26 | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | ... | 0·03 | 0 03 | |
| | Phália | 5th March | ... | ... | ... | ... | 0·90 | ... | ... | 0·90 | |
| Gujranwala. | Rámnagar | 5th March | ... | ... | 0·28 | 0·28 | ... | ... | ... | 0·56 | |
| | Wazirabad | Ditto | ... | ... | ... | 0·40 | ... | ... | 0·20 | 0·60 | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | 0·24 | ... | ... | 0·02 | 0·26 | |
| | Shekhupura | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Hafizabad | 5th Do. | ... | ... | ... | 0·15 | ... | 0·02 | 0·25 | 0·42 | |
| | Meluána *C* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 6th March | ... | ... | ... | ... | ... | ... | 0·50 | 0 50 | |
| | Sahiwál | 4th Do. | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |
| | Núrpur | 5th Do. | ... | ... | ... | ... | ... | ... | 0·50 | 0 50 | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Sakesar | 19th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 19th Jany. | ... | ... | ... | ... | 0·20 | ... | 0·50 | 0·70 | |
| | Khusháb | 6th March | ... | ... | ... | ... | ... | 0·01 | 0·04 | 0·05 | |
| | Shahpur s | 5th Do. | ... | ... | ... | ... | 0·01 | 0·46 | 0·05 | 0·52 | |
| | Bhera | 6th Do. | ... | ... | ... | ... | ... | 0·22 | ... | 0·22 | |
| | Miáni | Ditto | ... | ... | ... | ... | ... | ... | 0·18 | 0·18 | |
| Jhelum. | Pind Dádan Khan | 6th March | ... | ... | ... | ... | ... | ... | 0·16 | 0·16 | |
| | Sadr Station s | Ditto | ... | ... | ... | ... | ... | 0 08 | 0·17 | 0·25 | |
| | Chakwál | Ditto | ... | ... | ... | ... | ... | 0·58 | 0·12 | 0·70 | |
| | Talagang | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb | 5th March | ... | ... | ... | 0·09 | 0·21 | 0·24 | ... | 0·54 | |
| | Fatahjang | Ditto | ... | ... | ... | ... | 0·28 | ... | ... | 0·28 | |
| | Attock | Ditto | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Ráwalpindi s | Ditto | ... | ... | ... | 0·04 | 0·75 | ... | ... | 0 79 | |
| | Gujar Khan | 16th March | 0·30 | ... | ... | ... | 0·46 | 0 20 | 0·34 | 1·30 | |
| | Kahúta | 5th Do. | ... | ... | ... | ... | 0·85 | ... | ... | 0 85 | |
| | Murree s | 22nd Jany. | ... | ... | ... | ... | 1·00 | ... | ... | 1·00 | |
| Hazara. | Abbott-abad s | 6th March | ... | ... | 0·02 | 0·01 | 0·11 | 0·22 | R. | 0·36 | |
| | Mansahra | 9th Do. | ... | ... | ... | ... | 0·17 | 0 12 | 0·12 | 0·41 | |
| | Haripur | 6th Do. | ... | ... | ... | ... | 0·10 | 0·10 | ... | 0·20 | |
| Peshawar. | Swábi | 5th March | ... | ... | ... | ... | 0·14 | 0·06 | ... | 0·20 | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Nowshera | Ditto | ... | ... | ... | ... | 0·06 | ... | ... | 0·06 | |
| | Mardán s | Ditto | ... | ... | ... | ... | 0·31 | ... | 0·78 | 1·09 | |
| | Katlang | Ditto | ... | ... | ... | ... | ... | ... | 0·29 | 0·29 | |
| | Hashtnagar | Ditto | ... | ... | ... | ... | ... | 0·25 | 0·16 | 0·41 | |
| | Doáb Daudzai | Ditto | ... | ... | ... | ... | ... | R. | 0·20 | 0·20 | |
| | Peshâwar s | 6th March | ... | ... | ... | ... | R. | R. | 0·50 | 0 50 | |
| Kohat. | Kohát s | 6th March | ... | ... | ... | ... | ... | ... | 1·56 | 1·56 | |
| | Hangu | 21st Jany. | ... | ... | ... | ... | 1·10 | ... | ... | 1·10 | |
| | Thal | 20th Feby. | ... | ... | ... | ... | ... | 0·14 | ... | 0·14 | |
| | Karak | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bannu. | Miánwáli | 18th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 20th Feby. | ... | ... | ... | ... | 0·06 | 0·21 | ... | 0·27 | |
| | Bannu s | 1st March | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | 0·46 | ... | 0·46 | |
| Dera Ismail Khan. | Tánk | 20th Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | 19th Do. | ... | ... | ... | ... | ... | ... | 0·18 | 0·18 | |
| | D. I. Khan s | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | 0·21 | ... | ... | 0·21 | |
| | Leiah | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 15th August | ... | ... | ... | ... | ... | ... | 0·14 | 0·14 | |
| | Dera Ghazi Khan s | 18th Do | ... | ... | ... | ... | ... | 0·15 | 0·31 | 0·46 | |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 27th August | ... | ... | ... | ... | ... | 0·69 | R. | 0·69 | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | R. | ... | |
| Muzaffargarh. | Alipur | 20th August | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Muzaffargarh s | 8th March | ... | ... | ... | R. | ... | 0·19 | 0·32 | 0·51 | |
| | Sinánwán | 27th Jany. | ... | ... | ... | 0·28 | ... | 0·10 | 0·51 | 0·89 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

**MORTUARY RETURN FOR**

*Deaths registered from different causes in each district of*

CAUSE

| No. | DISTRICTS. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | *Cholera.* Males. | *Cholera.* Females. | *Cholera.* Total. | SMALL-POX. *Children under one year.* Males. | SMALL-POX. *Children under one year.* Females. | SMALL-POX. *One to under 12 years.* Males. | SMALL-POX. *One to under 12 years.* Females. | SMALL-POX. *Twelve and over 12 years.* Males. | SMALL-POX. *Twelve and over 12 years.* Females. | Total of Small-pox. | *Fevers.* Males. | *Fevers.* Females. | *Fevers.* Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 660,648 | 2,074 | 1,579 | 36 | 28 | ... | ... | ... | 2 | ... | 13 | 1 | 1 | ... | 17 | 676 | 470 | 1,146 |
| 2 | Rohtak ... | 553,609 | 2,234 | 1,366 | 48 | 29 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 593 | 462 | 1,055 |
| 3 | Gurgaon ... | 641,848 | 2,529 | 2,095 | 46 | 38 | ... | ... | ... | 10 | 9 | 37 | 37 | 4 | 2 | 99 | 849 | 663 | 1,512 |
| 4 | Delhi ... | 643,515 | 2,253 | 2,080 | 41 | 38 | ... | ... | ... | 1 | ... | 4 | 3 | ... | ... | 8 | 697 | 691 | 1,388 |
| 5 | Karnál ... | 622,621 | 2,490 | 2,030 | 45 | 37 | ... | ... | ... | 4 | 8 | 19 | 17 | 3 | 2 | 53 | 779 | 611 | 1,390 |
| 6 | Umballa ... | 1,067,263 | 3,032 | 2,913 | 35 | 33 | ... | ... | ... | 3 | 3 | 5 | 6 | 1 | 1 | 19 | 1,334 | 1,019 | 2,353 |
| 7 | Simla ... | 42,945 | 57 | 70 | 16 | 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 14 | 36 |
| 8 | Kángra ... | 730,845 | 2,549 | 2,097 | 41 | 34 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 721 | 595 | 1,316 |
| 9 | Hoshiárpur | 901,381 | 3,314 | 2,406 | 43 | 31 | ... | ... | ... | 1 | ... | 3 | 2 | 1 | 2 | 9 | 885 | 693 | 1,578 |
| 10 | Jullundur ... | 789,555 | 3,451 | 2,269 | 51 | 34 | ... | ... | ... | ... | 1 | 4 | 4 | ... | ... | 9 | 798 | 730 | 1,528 |
| 11 | Ludhiána ... | 618,835 | 2,388 | 1,652 | 45 | 31 | ... | ... | ... | 5 | 2 | 9 | 5 | ... | 1 | 22 | 575 | 523 | 1,098 |
| 12 | Ferozepore | 747,329 | 2,964 | 2,383 | 47 | 38 | ... | ... | ... | 11 | 2 | 11 | 10 | 1 | ... | 35 | 943 | 745 | 1,688 |
| 13 | Mooltan ... | 551,964 | 2,035 | 1,832 | 43 | 39 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 792 | 568 | 1,360 |
| 14 | Jhang ... | 395,296 | 1,602 | 1,069 | 48 | 32 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 291 | 255 | 546 |
| 15 | Montgomery | 426,529 | 1,638 | 1,330 | 45 | 37 | ... | ... | ... | 6 | 6 | 6 | 10 | 5 | 1 | 34 | 452 | 374 | 826 |
| 16 | Lahore ... | 924,106 | 3,721 | 3,334 | 47 | 43 | ... | ... | ... | 1 | 1 | 2 | 3 | 1 | 1 | 9 | 1,337 | 923 | 2,260 |
| 17 | Amritsar ... | 893,266 | 3,787 | 3,009 | 50 | 40 | ... | ... | ... | 1 | ... | 8 | 5 | ... | ... | 14 | 1,077 | 821 | 1,898 |
| 18 | Gurdáspur | 823,695 | 3,955 | 2,605 | 57 | 37 | ... | ... | ... | 6 | 7 | 14 | 14 | 1 | 1 | 43 | 1,002 | 785 | 1,787 |
| 19 | Siálkot ... | 1,012,148 | 4,750 | 3,184 | 55 | 37 | ... | ... | ... | 24 | 13 | 26 | 26 | 5 | 3 | 97 | 1,108 | 1,001 | 2,109 |
| 20 | Gujrát ... | 689,115 | 2,229 | 2,160 | 38 | 37 | ... | ... | ... | 14 | 12 | 6 | 10 | 3 | 1 | 46 | 835 | 722 | 1,557 |
| 21 | Gujránwála | 616,892 | 3,223 | 3,240 | 62 | 63 | ... | ... | ... | 4 | 3 | 3 | 1 | 1 | ... | 12 | 1,469 | 1,203 | 2,672 |
| 22 | Shahpur ... | 421,508 | 1,393 | 1,150 | 39 | 33 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 464 | 377 | 841 |
| 23 | Jhelum ... | 589,373 | 1,554 | 2,568 | 31 | 52 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 1,169 | 1,057 | 2,226 |
| 24 | Ráwalpindi | 820,512 | 2,435 | 4,187 | 35 | 60 | ... | ... | ... | 1 | ... | 5 | 2 | ... | ... | 8 | 2,003 | 1,694 | 3,697 |
| 25 | Hazára ... | 407,075 | 1,230 | 995 | 36 | 29 | ... | ... | ... | ... | 3 | 1 | 2 | ... | ... | 6 | 463 | 413 | 876 |
| 26 | Peshávar ... | 592,674 | 1,091 | 1,444 | 22 | 29 | ... | ... | ... | 7 | 3 | 36 | 25 | ... | 3 | 74 | 694 | 534 | 1,228 |
| 27 | Kohát ... | 181,540 | 384 | 710 | 25 | 47 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 359 | 307 | 666 |
| 28 | Bannu ... | 332,577 | 610 | 1,181 | 22 | 42 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 629 | 500 | 1,129 |
| 29 | D. I. Khan | 441,649 | 779 | 1,491 | 21 | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 773 | 559 | 1,332 |
| 30 | D. G. Khan | 363,346 | 606 | 554 | 20 | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 | 220 | 510 |
| 31 | Muzaffargarh | 338,605 | 1,244 | 1,044 | 43 | 36 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 571 | 439 | 1,010 |
| | TOTAL ... | 18,842,264 | 67,627 | 60,027 | 42 | 38 | ... | ... | ... | 102 | 73 | 212 | 183 | 28 | 19 | 617 | 24,644 | 19,980 | 44,624 |
| | Total in previous month ... | ... | 74,816 | 73,292 | 47 | 46 | ... | 1 | 1 | 92 | 88 | 161 | 156 | 12 | 5 | 514 | 30,483 | 26,556 | 57,039 |
| | Total in same month of past year ... | ... | 63,868 | 46,825 | 40 | 29 | 1 | ... | 1 | 186 | 172 | 397 | 355 | 51 | 42 | 1,203 | 17,826 | 15,107 | 32,933 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The* 24*th March* 1890.

THE MONTH OF JANUARY 1890.

*the Punjab during the month of January 1890.*

OF DEATH.

| *Bowel complaints.* | | | INJURIES. | | | | | | | | | | | | *All other causes.* | | | TOTAL DEATHS FROM ALL CAUSES. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Suicide.* | | | *Wounding.* | | | *Accidents.* | | | *Snake-bite and killed by wild beasts.* | | | | | | | | |
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 17 | 13 | 30 | ... | 2 | 2 | ... | 1 | 1 | 5 | 2 | 7 | ... | ... | ... | 210 | 160 | 370 | 924 | 655 | 1,579 |
| 12 | 2 | 14 | ... | 1 | 1 | ... | ... | ... | 1 | 3 | 4 | ... | 1 | 1 | 161 | 129 | 290 | 767 | 599 | 1,366 |
| 54 | 31 | 85 | 1 | 1 | 2 | ... | ... | ... | 2 | 5 | 7 | ... | ... | ... | 209 | 181 | 390 | 1,166 | 929 | 2,095 |
| 36 | 23 | 59 | ... | ... | ... | 1 | ... | 1 | 4 | 2 | 6 | ... | ... | ... | 332 | 286 | 618 | 1,075 | 1,005 | 2,080 |
| 25 | 14 | 39 | .. | ... | ... | 1 | ... | 1 | 7 | 3 | 10 | ... | .. | ... | 285 | 252 | 537 | 1,123 | 907 | 2,030 |
| 27 | 24 | 51 | ... | ... | ... | ... | ... | ... | 4 | 6 | 10 | 1 | ... | 1 | 242 | 237 | 479 | 1,617 | 1,296 | 2,913 |
| 9 | 1 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 | 9 | 24 | 46 | 24 | 70 |
| 42 | 42 | 84 | ... | 2 | 2 | ... | ... | ... | 11 | 6 | 17 | 1 | ... | 1 | 352 | 324 | 676 | 1,128 | 969 | 2.097 |
| 21 | 20 | 41 | 1 | ... | 1 | 1 | ... | 1 | 8 | 1 | 9 | 1 | ... | 1 | 433 | 333 | 766 | 1,355 | 1,051 | 2,406 |
| 17 | 7 | 24 | 1 | 1 | 2 | ... | ... | ... | 1 | 2 | 3 | 1 | ... | 1 | 372 | 330 | 702 | 1,188 | 1,081 | 2,269 |
| 14 | 5 | 19 | ... | ... | ... | ... | ... | ... | 2 | 2 | 4 | ... | 1 | 1 | 256 | 252 | 508 | 861 | 791 | 1,652 |
| 30 | 11 | 41 | ... | 1 | 1 | 1 | ... | 1 | 4 | 1 | 5 | ... | ... | ... | 318 | 294 | 612 | 1,319 | 1,064 | 2.383 |
| 31 | 16 | 47 | ... | ... | ... | ... | ... | ... | 8 | 3 | 11 | ... | ... | ... | 227 | 187 | 414 | 1,058 | 774 | 1.832 |
| 26 | 11 | 37 | ... | ... | ... | 2 | ... | 2 | 2 | 3 | 5 | ... | ... | ... | 249 | 230 | 479 | 570 | 499 | 1,069 |
| 16 | 9 | 25 | 2 | ... | 2 | 1 | ... | 1 | 1 | 3 | 4 | 1 | ... | 1 | 240 | 197 | 437 | 730 | 600 | 1,330 |
| 41 | 15 | 56 | 1 | 2 | 3 | 1 | ... | 1 | 4 | 7 | 11 | 2 | 2 | 4 | 525 | 465 | 990 | 1,915 | 1,419 | 3,334 |
| 31 | 17 | 48 | ... | ... | ... | ... | ... | ... | 10 | 3 | 13 | 2 | ... | 2 | 533 | 501 | 1,034 | 1,662 | 1,347 | 3,009 |
| 24 | 7 | 31 | ... | ... | ... | ... | ... | ... | 5 | 2 | 7 | ... | 1 | 1 | 387 | 349 | 736 | 1,439 | 1,166 | 2 605 |
| 47 | 24 | 71 | ... | ... | ... | ... | ... | ... | 6 | 6 | 12 | ... | ... | ... | 483 | 412 | 895 | 1,699 | 1,485 | 3,184 |
| 24 | 8 | 32 | ... | ... | ... | ... | ... | ... | 4 | 5 | 9 | ... | ... | ... | 320 | 196 | 516 | 1,206 | 954 | 2,160 |
| 38 | 24 | 62 | ... | ... | ... | ... | ... | ... | 5 | 4 | 9 | 1 | ... | 1 | 263 | 221 | 484 | 1,784 | 1,456 | 3,240 |
| 26 | 17 | 43 | ... | ... | ... | ... | ... | ... | 5 | 1 | 6 | 1 | ... | 1 | 134 | 125 | 259 | 630 | 520 | 1,150 |
| 47 | 32 | 79 | ... | ... | ... | 2 | 1 | 3 | 4 | 1 | 5 | 1 | ... | 1 | 137 | 116 | 253 | 1,361 | 1,207 | 2,568 |
| 49 | 47 | 96 | ... | ... | ... | 3 | ... | 3 | 9 | 4 | 13 | ... | ... | ... | 205 | 165 | 370 | 2,275 | 1,912 | 4,187 |
| 6 | 5 | 11 | ... | ... | ... | 1 | ... | 1 | 2 | 3 | 5 | ... | ... | ... | 50 | 46 | 96 | 523 | 472 | 995 |
| 12 | 10 | 22 | ... | ... | ... | ... | ... | ... | 4 | 2 | 6 | ... | ... | ... | 66 | 48 | 114 | 819 | 625 | 1,444 |
| 6 | 4 | 10 | ... | ... | ... | 3 | ... | 3 | ... | 1 | 1 | ... | ... | ... | 19 | 11 | 30 | 387 | 323 | 710 |
| 4 | 7 | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 | 22 | 41 | 652 | 529 | 1,181 |
| 76 | 50 | 126 | ... | ... | ... | 2 | ... | 2 | 4 | 1 | 5 | ... | ... | ... | 14 | 12 | 26 | 869 | 622 | 1,491 |
| 3 | 1 | 4 | ... | ... | ... | ... | ... | ... | 2 | 1 | 3 | ... | ... | ... | 20 | 17 | 37 | 315 | 239 | 554 |
| 1 | ... | 1 | ... | ... | ... | ... | 1 | 1 | 2 | 3 | 5 | ... | ... | ... | 13 | 14 | 27 | 587 | 457 | 1,044 |
| 812 | 497 | 1309 | 6 | 10 | 16 | 19 | 3 | 22 | 126 | 86 | 212 | 12 | 5 | 17 | 7,089 | 6,121 | 13,210 | 33,050 | 26,977 | 60,027 |
| 988 | 648 | 1636 | 12 | 14 | 26 | 19 | 5 | 24 | 125 | 88 | 213 | 19 | 3 | 22 | 7,254 | 6,563 | 13,817 | 39,165 | 34,127 | 73,292 |
| 659 | 511 | 1170 | 9 | 5 | 14 | 23 | 11 | 34 | 139 | 102 | 241 | 15 | 5 | 20 | 5,896 | 5,313 | 11,209 | 25,202 | 21,623 | 46,825 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Sixty-seven thousand six hundred and twenty-seven births were registered in the Province during the month of January 1890, giving a birth-rate of 42 per mille of population. Of the total number of births, 36,132 were boys and 31,495 were girls.

The total number of deaths registered from all causes in the Province during the month of January 1890 was 60,027 against 73,292 in the previous month and 46,825 in the corresponding month of the past year, giving an annual death-rate of 38, 46 and 29 per mille of population per annum respectively.

There was not a single death registered under the head of cholera.

From small-pox 617 deaths were registered against 514 in the previous month and 1,203 in the corresponding month of the past year; fevers 44,624 against 57,039 and 32,933; bowel complaints 1,309 against 1,636 and 1,170.

During the month there were 16 deaths registered from suicide against 26 in the past month; wounding 22 against 24; accidents 212 against 213; snake-bite and killed by wild beasts 17 against 22; and from all other causes 13,210 against 13,817 and 11,209 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 24th March* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of January 1890.*

| No. | Districts. | Christians. Boys. | Christians. Girls. | Christians. Total. | Hindus. Boys. | Hindus. Girls. | Hindus. Total. | Muhammadans. Boys. | Muhammadans. Girls. | Muhammadans. Total. | Other Classes. Boys. | Other Classes. Girls. | Other Classes. Total. | Total. Boys. | Total. Girls. | Total. Total. | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | ... | ... | 892 | 711 | 1,603 | 256 | 215 | 471 | ... | ... | ... | 1,148 | 926 | 2,074 | 36 |
| 2 | Rohtak ... | ... | ... | ... | 1,013 | 918 | 1,931 | 168 | 135 | 303 | ... | ... | ... | 1,181 | 1,053 | 2,234 | 48 |
| 3 | Gurgaon ... | ... | ... | ... | 955 | 863 | 1,818 | 377 | 334 | 711 | ... | ... | ... | 1,332 | 1,197 | 2,529 | 46 |
| 4 | Delhi ... | 2 | 1 | 3 | 922 | 855 | 1,777 | 255 | 218 | 473 | ... | ... | ... | 1,179 | 1,074 | 2,253 | 41 |
| 5 | Karnál ... | ... | ... | ... | 1,005 | 889 | 1,894 | 305 | 291 | 596 | ... | ... | ... | 1,310 | 1,180 | 2,490 | 45 |
| 6 | Umballa ... | ... | ... | ... | 1,159 | 977 | 2,136 | 483 | 413 | 896 | ... | ... | ... | 1,642 | 1,390 | 3,032 | 35 |
| 7 | Simla ... | ... | ... | ... | 21 | 29 | 50 | 8 | 1 | 9 | ... | ... | ... | 29 | 30 | 59 | 16 |
| 8 | Kángra ... | ... | ... | ... | 1,269 | 1,180 | 2,449 | 46 | 54 | 100 | ... | ... | ... | 1,315 | 1,234 | 2,549 | 41 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,132 | 1,019 | 2,151 | 609 | 554 | 1,163 | ... | ... | ... | 1,741 | 1,573 | 3,314 | 43 |
| 10 | Jullundur ... | ... | ... | ... | 937 | 837 | 1,774 | 855 | 822 | 1,677 | ... | ... | ... | 1,792 | 1,659 | 3,451 | 51 |
| 11 | Ludhiána ... | 1 | ... | 1 | 809 | 686 | 1,495 | 436 | 456 | 892 | ... | ... | ... | 1,246 | 1,142 | 2,388 | 45 |
| 12 | Ferozepore ... | ... | ... | ... | 757 | 673 | 1,430 | 809 | 725 | 1,534 | ... | ... | ... | 1,566 | 1,398 | 2,964 | 47 |
| 13 | Mooltan ... | ... | ... | ... | 200 | 168 | 368 | 884 | 783 | 1,667 | ... | ... | ... | 1,084 | 951 | 2,035 | 43 |
| 14 | Jhang ... | ... | ... | ... | 158 | 140 | 298 | 681 | 623 | 1,304 | ... | ... | ... | 839 | 763 | 1,602 | 48 |
| 15 | Montgomery ... | ... | ... | ... | 210 | 165 | 375 | 700 | 563 | 1,263 | ... | ... | ... | 910 | 728 | 1,638 | 45 |
| 16 | Lahore ... | 1 | ... | 1 | 598 | 490 | 1,088 | 1,380 | 1,253 | 2,633 | 1 | 1 | 2 | 1,980 | 1,744 | 3,724 | 47 |
| 17 | Amritsar ... | ... | 2 | 2 | 1,032 | 903 | 1,935 | 948 | 902 | 1,850 | ... | ... | ... | 1,980 | 1,807 | 3,787 | 50 |
| 18 | Gurdáspur ... | 1 | 1 | 2 | 1,075 | 834 | 1,909 | 1,068 | 976 | 2,044 | ... | ... | ... | 2,144 | 1,811 | 3,955 | 57 |
| 19 | Siálkot ... | 17 | 12 | 29 | 757 | 677 | 1,434 | 1,736 | 1,551 | 3,287 | ... | ... | ... | 2,510 | 2,240 | 4,750 | 55 |
| 20 | Gujrát ... | ... | ... | ... | 131 | 102 | 233 | 1,081 | 908 | 1,989 | 5 | 2 | 7 | 1,217 | 1,012 | 2,229 | 38 |
| 21 | Gujránwála ... | ... | ... | ... | 361 | 359 | 720 | 1,304 | 1,199 | 2,503 | ... | ... | ... | 1,665 | 1,558 | 3,223 | 62 |
| 22 | Shahpur ... | ... | ... | ... | 130 | 94 | 224 | 633 | 533 | 1,166 | 1 | ... | 1 | 764 | 627 | 1,391 | 39 |
| 23 | Jhelum ... | ... | ... | ... | 88 | 65 | 153 | 741 | 656 | 1,397 | 1 | 3 | 4 | 830 | 724 | 1,554 | 31 |
| 24 | Ráwalpindi ... | ... | ... | ... | 126 | 116 | 242 | 1,139 | 1,050 | 2,189 | 5 | 2 | 7 | 1,270 | 1,168 | 2,438 | 35 |
| 25 | Hazára ... | ... | ... | ... | 26 | 23 | 49 | 660 | 521 | 1,181 | ... | ... | ... | 686 | 544 | 1,230 | 36 |
| 26 | Pesháwar ... | ... | ... | ... | 29 | 22 | 51 | 644 | 392 | 1,036 | 3 | 1 | 4 | 676 | 415 | 1,091 | 22 |
| 27 | Kohát ... | ... | ... | ... | 9 | 3 | 12 | 218 | 154 | 372 | ... | ... | ... | 227 | 157 | 384 | 25 |
| 28 | Bannu ... | ... | ... | ... | 43 | 26 | 69 | 318 | 223 | 541 | ... | ... | ... | 361 | 249 | 610 | 22 |
| 29 | Dera Ismail Khan | ... | ... | ... | 62 | 58 | 120 | 390 | 289 | 679 | ... | ... | ... | 452 | 347 | 799 | 21 |
| 30 | Dera Gházi Khan | ... | ... | ... | 56 | 36 | 92 | 327 | 186 | 513 | 1 | ... | 1 | 384 | 222 | 606 | 20 |
| 31 | Muzaffargarh ... | ... | ... | ... | 69 | 62 | 131 | 602 | 509 | 1,111 | 1 | 1 | 2 | 672 | 572 | 1,244 | 43 |
| | TOTAL ... | 22 | 16 | 38 | 16,031 | 13,980 | 30,011 | 20,061 | 17,489 | 37,550 | 18 | 10 | 28 | 36,132 | 31,495 | 67,627 | 42 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 24th March 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 8th MARCH 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 2 | 4 | 8 | 4 | 4 | ... | ... | 2 | ... | ... | 6 | 1 | 1 | 2 | 15 | 29 |
| 2 | | Hansi ... | 12,656 | 6 | 4 | 10 | 24 | 14 | 10 | ... | ... | 8 | ... | ... | 16 | 3 | 2 | 5 | 41 | 99 |
| 3 | | Bhiwani ... | 33,762 | 9 | 7 | 16 | 35 | 17 | 18 | ... | ... | 5 | 5 | ... | 25 | 2 | 2 | 4 | 25 | 54 |
| 4 | | Sirsa ... | 12,292 | 4 | 3 | 7 | 4 | 2 | 2 | ... | ... | ... | ... | ... | 4 | ... | 1 | 1 | 30 | 17 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 2 | 4 | 6 | 6 | 3 | 3 | ... | 1 | 3 | ... | ... | 2 | 1 | ... | 1 | 20 | 20 |
| 6 | | Jhajjar ... | 11,650 | 3 | ... | 3 | 5 | 3 | 2 | ... | ... | 2 | 1 | ... | 2 | 1 | 1 | 2 | 13 | 22 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 7 | 7 | 14 | 9 | 5 | 4 | ... | ... | 3 | 1 | ... | 5 | 2 | 1 | 3 | 30 | 19 |
| 8 | | Palwal ... | 10,635 | 2 | 2 | 4 | 6 | 2 | 4 | ... | ... | 3 | 2 | ... | 1 | ... | ... | ... | 20 | 29 |
| 9 | Delhi ... | Delhi ... | 117,363 | 38 | 40 | 78 | 98 | 52 | 46 | ... | ... | 56 | 5 | ... | 37 | 11 | 8 | 19 | 35 | 44 |
| 10 | | „ Suburbs ... | 52,882 | 9 | 17 | 26 | 16 | 12 | 4 | ... | ... | 14 | 1 | ... | 1 | ... | 1 | 1 | 26 | 16 |
| 11 | | Sonepat ... | 13,077 | 5 | 7 | 12 | 17 | 10 | 7 | ... | ... | 16 | 1 | ... | ... | ... | ... | ... | 48 | 68 |
| 12 | Karnal ... | Karnal ... | 23,133 | 5 | 6 | 11 | 22 | 12 | 10 | ... | 1 | 13 | 1 | ... | 7 | 2 | 1 | 3 | 25 | 50 |
| 13 | | Kaithal ... | 14,754 | 1 | 4 | 5 | 10 | 6 | 4 | ... | ... | 4 | 1 | ... | 5 | 2 | 2 | 4 | 18 | 35 |
| 14 | | Panipat ... | 26,572 | 6 | 5 | 11 | 13 | 5 | 8 | ... | ... | 8 | ... | ... | 5 | 1 | ... | 1 | 22 | 26 |
| 15 | Umballa ... | Umballa ... | 26,777 | 13 | 12 | 25 | 14 | 9 | 5 | ... | ... | 3 | 2 | ... | 9 | 4 | 3 | 7 | 49 | 27 |
| 16 | | Jagadhri ... | 12,300 | 7 | 2 | 9 | 5 | 2 | 3 | ... | ... | 4 | ... | ... | 1 | ... | ... | ... | 38 | 21 |
| 17 | | Shahabad ... | 10,218 | 6 | 2 | 8 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | 1 | ... | 1 | 41 | 20 |
| 18 | | Sadhaura ... | 10,794 | 5 | 4 | 9 | 7 | 3 | 4 | ... | ... | 5 | ... | ... | 2 | ... | 2 | 2 | 43 | 34 |
| 19 | | Rupar ... | 10,326 | 5 | 4 | 9 | 2 | ... | 2 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 45 | 10 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 3 | 5 | 8 | 9 | 6 | 3 | ... | ... | 3 | 1 | ... | 5 | 1 | 2 | 3 | 31 | 35 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 2 | 7 | 5 | 3 | 2 | ... | ... | 3 | ... | ... | 2 | ... | 2 | 2 | 35 | 25 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 17 | 14 | 31 | 19 | 15 | 4 | ... | ... | 9 | ... | ... | 19 | 3 | ... | 3 | 52 | 32 |
| 23 | | „ Suburbs ... | 11,474 | 5 | 3 | 8 | 8 | 1 | 7 | ... | ... | 1 | ... | ... | 7 | ... | 2 | 2 | 36 | 36 |
| 24 | | Rahon ... | 11,736 | 9 | 1 | 10 | 7 | 7 | ... | ... | ... | 6 | ... | ... | 1 | 1 | ... | 1 | 44 | 31 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 24 | 41 | 24 | 13 | 11 | ... | ... | 14 | 3 | ... | 7 | 2 | 4 | 6 | 48 | 28 |
| 26 | | Jagraon ... | 16,873 | 9 | 11 | 20 | 11 | 7 | 4 | ... | ... | 4 | 1 | ... | 6 | 1 | 1 | 2 | 62 | 34 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 11 | 18 | 14 | 10 | 4 | ... | 1 | 9 | 1 | ... | 3 | 1 | ... | 1 | 45 | 35 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 10 | 6 | 16 | 9 | 5 | 4 | ... | ... | 3 | ... | ... | 6 | 4 | 1 | 5 | 26 | 15 |
| 29 | | „ Suburbs ... | 25,593 | 3 | 6 | 9 | 15 | 10 | 5 | ... | ... | 9 | ... | ... | 6 | 2 | 2 | 4 | 18 | 31 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 6 | 3 | 9 | 7 | 2 | 5 | ... | ... | 3 | 1 | ... | 3 | ... | 2 | 2 | 37 | 29 |
| 31 | | Chiniot ... | 10,731 | 4 | 5 | 9 | 3 | ... | 3 | ... | ... | 1 | ... | ... | 2 | ... | 2 | 2 | 44 | 14 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 30 | 38 | 68 | 69 | 39 | 30 | ... | ... | 36 | 1 | ... | 32 | 8 | 8 | 16 | 36 | 37 |
| 33 | | " Suburbs ... | 41,670 | 6 | 2 | 8 | 36 | 27 | 9 | ... | ... | 18 | ... | ... | 18 | 4 | 1 | 5 | 10 | 45 |
| 34 | | Kasur ... | 17,336 | 4 | 4 | 8 | 10 | 9 | 1 | ... | ... | 6 | 1 | ... | 3 | 2 | ... | 2 | 24 | 30 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 48 | 39 | 87 | 146 | 67 | 79 | ... | ... | 60 | 4 | 3 | 79 | 12 | 12 | 24 | 31 | 53 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 10 | 24 | 13 | 9 | 4 | ... | ... | 12 | ... | ... | 1 | 1 | ... | 1 | 52 | 28 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 14 | 13 | 27 | 33 | 20 | 13 | ... | 2 | 8 | 1 | ... | 22 | 3 | 3 | 6 | 42 | 51 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 2 | 10 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | ... | ... | ... | 28 | 19 |
| 39 | | Jalalpur ... | 12,839 | 4 | 1 | 5 | 7 | 2 | 5 | ... | ... | 4 | ... | ... | 3 | ... | 1 | 1 | 20 | 28 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 10 | 7 | 17 | 11 | 6 | 5 | ... | 2 | 2 | ... | ... | 7 | 2 | 2 | 4 | 39 | 25 |
| 41 | | Wazirabad ... | 16,462 | 6 | 5 | 11 | 8 | 4 | 4 | ... | 1 | 5 | ... | ... | 2 | ... | 2 | 2 | 35 | 25 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 7 | 15 | 10 | 4 | 6 | ... | ... | 6 | 1 | ... | 3 | 1 | 3 | 4 | 52 | 34 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 1 | 4 | 4 | 2 | 2 | ... | ... | 2 | ... | ... | 2 | 1 | 2 | 3 | 13 | 13 |
| 44 | | Pind Dadan Khan ... | 16,724 | 5 | 6 | 11 | 10 | 6 | 4 | ... | ... | 6 | 3 | ... | 1 | ... | ... | ... | 34 | 31 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 6 | 5 | 11 | 24 | 16 | 8 | ... | ... | 12 | 2 | ... | 10 | 4 | 2 | 6 | 21 | 45 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 24 | 23 | 47 | 45 | 27 | 18 | ... | ... | 26 | 1 | ... | 18 | 8 | 5 | 13 | 41 | 40 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 4 | 11 | 4 | 4 | ... | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | 43 | 15 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 7 | 2 | 9 | 13 | 10 | 3 | ... | ... | 8 | 2 | ... | 3 | 6 | ... | 6 | 25 | 36 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 2 | 6 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | 1 | 1 | 2 | 16 | 11 |
| | Birth and death rate of London for the week ending 15th February 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32·9 | 21·3 |
| | Grand Total ... | | 1,311,330 | 438 | 394 | 832 | 890 | 501 | 389 | ... | 8 | 440 | 43 | 3 | 396 | 99 | 85 | 184 | 33 | 35 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... ... | 12,305 | ... | 1 | 1 | 5 | 5 | ... | ... | ... | ... | ... | ... | 5 | ... | ... | ... | 4 | 21 |
| | Dharmsala | ... ... ... ... | 3,839 | 2 | 2 | 4 | 3 | 2 | 1 | ... | ... | ... | 1 | ... | 2 | ... | ... | ... | 54 | 41 |
| | Dalhousie | ... ... ... ... | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | 1 | ... | 60 |
| | Murree... | ... ... ... ... | 2,489 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 21 |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 31st March 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 8th March 1890.*

*General Results.*—The total deaths registered from all causes in the Province were 10,954 against 11,502 in the previous week and 8,025 in the corresponding week of the past year, giving respectively an annual death-rate of 30·3, 31·8 and 22·2 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 208 deaths were registered against 209 in the previous week and 241 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,567 deaths against 8,071 in the previous week and 5,236 in the corresponding week of the past year. The registered mortality from fevers is gradually falling.

*Bowel complaints.*—From bowel complaints 264 deaths against 228 and 159.

*Chest disease.*—Eight hundred and thirty against 906 and 631.

*Snake-bite.*—0 against 1 and 5.

*Hydrophobia.*—0 against 1 and 1.

*All other causes.*—Two thousand and eighty-five against 2,086 in the previous week and 1,752 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand seven hundred and twenty-eight deaths were registered in the Province amongst infants under one year of age, of which number 1,455 were males and 1,273 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 890 deaths were registered (501 males and 389 females), giving a death-rate of 35 per mille of population; 832 births were registered (438 males and 394 females), giving a birth-rate of 33 per mille of population. The registered mortality of the Municipal town of Hánsi is very high, being at the annual rate of 99 per 1,000.

LAHORE:
*The 31st March 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore.—3-4-90—690.

No. 15 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 10, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 8th APRIL 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder scarce. | Rising. | Crops harvesting: good on canal, very poor elsewhere. | ... |
| 2 | Delhi ... | ... | Do. | Slightly rising. | Reapings continued. | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Prospects poor. | ... |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | Crops average. | Cotton and sugarcane sowings commenced. |
| 5 | Ferozepore ... | ... | Fodder sufficient. | Do. | Reapings commenced: expected yield about average. | ... |
| 6 | Amritsar ... | ... | Do. | Do. | Irrigated crops fairly good; baráni poor. Canal supply short owing to excessive demand. | ... |
| 7 | Siálkot ... | ... | Fodder scarce. | Do. | Reaping of barley and massar commenced in some places. Crops on baráni lands suffering | ... |
| 8 | Lahore ... | ... | Fodder scarce in dry tracts. | Do. | Reaping of barley, gram and mustard crops commenced. Outturn of baráni inferior; elsewhere average. | Ploughings in progress. |
| 9 | Mooltan ... | ... | Fodder scarce in the interior of the district. | Falling. | Cutting of crops commenced. | ... |
| 10 | Ráwalpindi ... | ... | Fodder sufficient. | Stationary. | Prospects average. | ... |
| 11 | Shahpur ... | ... | Do. | Do. | Irrigated rabi crops nearly up to average; unirrigated much below average. | ... |
| 12 | D. I. Khan ... | ... | Fodder supply average. | Do. | Reaping commenced. | ... |
| 13 | Peshâwar ... | 0·09 | Fodder sufficient. | Do. | Prospects of crops average on ábi lands. Baráni crops in bad condition. | ... |

*GENERAL REMARKS.*

Slight rain has fallen in Peshâwar only. Prices rising in Hissar and Delhi; falling in Mooltan; stationary elsewhere. Harvesting of rabi crops going on. Cotton and sugarcane ploughings and sowings commenced. Prospects of crops on irrigated lands are generally average, but poor elsewhere. Fodder is reported scarce in Hissar, Delhi, Jullundur, Siálkot and Mooltan; sufficient elsewhere.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.

**WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Week ending 23rd March 1890.* | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | Total. | Special Remarks. |
| Gurgaon. | Tauru ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur ... | 4th March ... | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | |
| | Hodal ... | 30th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buggeh *C* ... | ... | ... | ... | ... | ... | 0·90 | ... | ... | 0·90 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 30th MARCH 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th | Sunday 30th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak *s* | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) *s* | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál *s* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádapur *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli *s* | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | Statt, not received. |
| | Barauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 22nd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Kbái | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | 15th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | 21st March | 0·03 | ... | ... | ... | ... | ... | ... | 0·03 | |
| | Kulu *s* | 22nd Do. | ... | 0·40 | ... | ... | 0·04 | ... | ... | 0·44 | |
| | Nagar | Ditto | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Pálampur | Ditto | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Hamirpur | Ditto | ... | 0·03 | ... | ... | R. | ... | ... | 0·03 | |
| | Dera | Ditto | ... | R. | ... | ... | R. | ... | ... | ... | |
| | Kángra | Ditto | ... | 0·04 | ... | ... | ... | ... | ... | 0·04 | |
| | Dharmsála *s* | Ditto | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Núrpur | 21st March | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| Hoshiarpur. | Dasúya | 21st March | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Una | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 21st March | ... | 0·01 | ... | ... | ... | ... | ... | 0·01 | |
| | Hoshiárpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | Sunday 30th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi *s* | 24th August | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Lodhrán | 20th Do. | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| | Shujabad | 23rd March | 0·04 | ... | ... | ... | ... | ... | ... | 0·04 | |
| | Mooltan *s* | Ditto | 0·13 | ... | ... | ... | ... | ... | ... | 0·13 | |
| | Sarai Sidhu | Ditto | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| Jhang. | Shorkot | 22nd March | 0·03 | ... | ... | ... | ... | ... | ... | 0·03 | |
| | Jhang *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 23rd March | 0·35 | ... | ... | ... | ... | ... | ... | 0·35 | |
| Montgomery. | Gugera | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | Ditto | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Pákpattan | 10th March | 0·21 | ... | ... | ... | ... | ... | ... | 0·21 | |
| | Dipálpur | 23rd Do. | 0·11 | ... | ... | ... | ... | ... | ... | 0·11 | |
| Lahore. | Van *C* *b* | 23rd March | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| | Chunián | Ditto | 0·13 | ... | ... | ... | ... | ... | ... | 0·13 | |
| | Kasúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* *b* | 21st March | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Sharakpur | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* | 22nd Do. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Lahore *s* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | 6th Do. | 0·11 | ... | ... | ... | ... | ... | ... | 0·11 | |
| | Manihála *C* | 21st Do. | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| | Dafthu *C* | Ditto | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| Amritsar. | Buchar *C* *b* | 21st March | 0·03 | ... | ... | ... | ... | ... | ... | 0·03 | |
| | Khara *C* | Ditto | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Tarn Táran | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* | 20th Do. | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Jandiála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsíl | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* | 21st Do. | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Buggeh *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur *s* | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie *s* | 21st Do. | 0·39 | ... | ... | ... | ... | ... | ... | 0·39 | |
| | Mádhopur *C* *b* | Ditto | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Shakargarh | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Siálkot. | Zafarwál | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | Ditto | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Siálkot *s* | Ditto | 0·05 | 0·02 | ... | ... | ... | ... | ... | 0·07 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of March* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | Sunday 30th. | Total. | Special Remarks |
| Gujrát. | Sadr s | 23rd March ... | 0·12 | 0·18 | ... | ... | ... | ... | ... | 0·30 | |
| | Gujrát ... | Ditto ... | 0·08 | 0·11 | ... | ... | ... | ... | ... | 0·19 | |
| | Khárián ... | Ditto ... | ... | 0·38 | ... | ... | ... | ... | ... | 0 38 | |
| | Phália ... | 21st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 20th March ... | 0 18 | ... | ... | ... | ... | ... | ... | 0·18 | Cotton and sugarcane sowings in progress. Prices stationary. Fodder scarce. Rabi crops average. |
| | Wazirabad ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | .. | |
| | Shekhupura ... | 4th March ... | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Hafizabad ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána C ... | 6th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 23rd March ... | 0·11 | 0·41 | ... | ... | ... | .. | ... | 0 52 | |
| | Sahiwál ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | Ditto ... | ... | .. | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 19th Septr. ... | 0·60 | ... | ... | ... | ... | ... | ... | 0·60 | |
| | Naushahra ... | 23rd March ... | 0·10 | 0·20 | ... | ... | ... | ... | ... | 0·30 | |
| | Khusháb ... | Ditto ... | 0·31 | 0·02 | ... | 0·04 | ... | ... | ... | 0·37 | |
| | Shahpur s | Ditto ... | ... | ... | ... | ... | 0·05 | ... | ... | 0·05 | |
| | Bhera ... | 22nd March ... | ... | ... | ... | 0·03 | ... | ... | ... | 0·03 | |
| | Miáni ... | 23rd Do. ... | 0·11 | 0·41 | ... | ... | ... | ... | ... | 0 52 | |
| Jhelum. | Pind Dádan Khan | 23rd March ... | 0·32 | ... | ... | ... | 0·03 | ... | ... | 0·35 | |
| | Sadr Station s | Ditto ... | R. | 0·07 | ... | ... | ... | ... | ... | 0 07 | |
| | Chakwál ... | Ditto ... | 0 15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| | Talagang ... | 5th March ... | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| Rawalpindi. | Pindigheb ... | 22nd March ... | 0·21 | ... | ... | ... | ... | ... | ... | 0·21 | Locusts in the district. Eggs have been collected in Hazro Ilaqua, and in one place in Fatahjang Tahsil. About 80 maunds of eggs have been destroyed |
| | Fatahjang ... | 21st Do. ... | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Attock ... | Ditto ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Ráwalpindi s | Ditto ... | 0·42 | ... | ... | ... | ... | ... | 0·01 | 0·43 | |
| | Gujar Khan ... | 23rd March ... | ... | ... | ... | 0·10 | ... | ... | ... | 0 10 | |
| | Kahúta ... | 21st Do. ... | 0·13 | ... | ... | ... | ... | ... | ... | 0·13 | |
| | Murree s | Ditto ... | 0·30 | 0·40 | ... | ... | ... | ... | ... | 0·70 | |
| Hazára. | Abbott-abad s | 22nd March ... | 0·32 | 0·49 | ... | R. | 0·18 | ... | ... | 0·99 | |
| | Mansahra ... | 23rd Do. ... | 0·04 | 0·63 | ... | ... | 0·11 | ... | ... | 0·78 | |
| | Haripur ... | 22nd Do. ... | 0·10 | 0·40 | ... | ... | 0 05 | ... | ... | 0·55 | |
| Peshawar. | Swábi ... | 22nd March ... | 0·17 | ... | ... | ... | ... | ... | ... | 0·17 | |
| | Lahore (Utman Bolak) | 5th Do. ... | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Nowshera ... | 21st Do. ... | 0·05 | ... | ... | 0·04 | ... | ... | ... | 0·09 | |
| | Mardán s | 23rd Do. ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Katlang ... | Ditto ... | 0·33 | ... | ... | ... | ... | ... | ... | 0·33 | |
| | Hashtnagar ... | Ditto ... | ... | ... | ... | ... | 0·05 | ... | ... | 0·05 | |
| | Doáb Daudzai ... | Ditto ... | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Peshawar s | Ditto ... | 0·09 | ... | ... | 0·13 | ... | ... | ... | 0 22 | |
| Kohát. | Kohát s | 23rd March ... | T. 0·07 | T. 0·05 | ... | T. 0·12 | ... | ... | T. 0·06 | 0 30 | |
| | Hangu ... | 21st Do. ... | 0·30 | ... | ... | 0·40 | ... | ... | ... | 0·70 | |
| | Thal ... | 22nd Do. ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Karak ... | 5th Do. ... | ... | 0·36 | ... | ... | ... | ... | ... | 0·36 | |
| Bannu. | Miánwali ... | 18th Jany. ... | 0·08 | ... | ... | ... | ... | ... | ... | 0·08 | |
| | Isa Khel ... | 22nd March ... | 0 15 | 0·16 | ... | ... | ... | ... | ... | 0·31 | |
| | Bannu s | Ditto ... | 0·65 | ... | 0 04 | ... | ... | ... | ... | 0 69 | |
| | Marwat ... | Ditto ... | ... | 0·74 | ... | ... | ... | ... | ... | 0·74 | |
| Dera Ismail Khan. | Tánk ... | 20th Jany. ... | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Kuláchi ... | 23rd March ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | D. I. Khan s | 16th Feby. ... | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Bhakkar ... | 21st March ... | 0 21 | ... | ... | 0·04 | ... | ... | ... | 0·25 | |
| | Leiah ... | 24th August ... | 0·01 | ... | ... | ... | ... | ... | ... | 0 01 | |
| Dera Ghazi Khan. | Sangarh ... | 23rd March ... | 0·16 | ... | ... | ... | ... | ... | ... | 0·16 | |
| | Dera Ghazi Khan s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 22nd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur .. | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 17 | 20 | 25 | 25 | 28 | ... | ... | ... | 10 | 10 | 10 | 24 | 25 | 24 | 20 | 20 | 22 |
| Rohtak ... | 15 | 15 | 20 | 21 | 22 | 25 | ... | ... | ... | 10 | 10 | 11 | 19 | 20 | 29 | 19 | 19 | 24 |
| Gurgaon ... | 16 | 16 | 20 | 23 | 23 | 28 | ... | ... | ... | 12 | 10 | 11 | 24 | 24 | 26 | 19 | 19 | 24 |
| Delhi ... | 16 | 16 | 20 | 22 | 22 | 30 | ... | ... | ... | 12 | 12 | 11 | 20 | 20 | 24 | 18 | 18 | 20 |
| Karnál ... | 17 | 16 | 21 | 23 | 22 | 30 | ... | ... | ... | 11 | 11 | 11 | 20 | 20 | 27 | 18 | 18 | 18 |
| Umballa ... | 18 | 17 | 23 | 25 | 22 | 29 | ... | ... | ... | 10 | 11 | 12 | 21 | 20 | 29 | 20 | 20 | 16 |
| Simla ... | 14 | 13 | 15 | 19 | 20 | § | ... | ... | ... | 9 | 9 | 9 | 15 | 15 | 16 | 15 | 15 | 14 |
| Kángra ... | 15 | 16 | 14 | 23 | 23 | 18 | ... | ... | ... | 11 | 11 | 12 | 12 | 12 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 18 | 17 | 24 | 32 | 30 | 30 | ... | ... | ... | 10 | 10 | 12 | 21 | 22 | 30 | 21 | 21 | 22 |
| Jullundur ... | 20 | 19 | 22 | 30 | 28 | 32 | ... | ... | ... | 8 | 8 | 8 | 25 | 22 | 30 | 21 | 20 | 22 |
| Ludhiána ... | 19 | 19 | 25 | 28 | 28 | 40 | ... | ... | ... | 12 | 12 | 12 | 24 | 23 | 32 | 22 | 22 | 22 |
| Ferozepore ... | 19 | 19 | 22 | 30 | 20 | 30 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 24 | 24 | 22 | 20 |
| Mooltan ... | 15 | 14 | 17 | 28 | 28 | 30 | ... | ... | ... | 12 | 12 | 10 | 21 | 22 | 26 | 20 | 20 | 20 |
| Jhang ... | 17 | 17 | 23 | 30 | 31 | 23 | ... | ... | ... | 10 | 10 | 10 | 22 | 22 | 28 | 21 | 21 | 12 |
| Montgomery... | 16 | 17 | 20 | 26 | 26 | 28 | ... | ... | ... | 11 | 9 | 10 | 26 | 24 | 28 | 20 | 20 | 17 |
| Lahore ... | 17 | 17 | 19 | 30 | 26 | 33 | ... | ... | ... | 11 | 11 | 9 | 25 | 26 | 32 | 18 | 18 | 18 |
| Amritsar ... | 19 | 19 | 22 | 27 | 29 | 29 | ... | ... | ... | 10 | 10 | 11 | 19 | 21 | 28 | 20 | 22 | 18 |
| Gurdáspur ... | 18 | 18 | 20 | 22 | 22 | 26 | ... | ... | ... | 14 | 14 | 13 | 20 | 20 | 23 | 14 | 14 | 14 |
| Siálkot ... | 16 | 15 | 19 | 29 | 28 | 32 | ... | ... | ... | 12 | 12 | 12 | 24 | 24 | 27 | 22 | 21 | 24 |
| Gujrát ... | 18 | 18 | 22 | 32 | 28 | 34 | ... | ... | ... | 11 | 11 | 9 | 28 | 30 | 26 | 21 | 22 | 24 |
| Gujránwála ... | 17 | 17 | 20 | 32 | 30 | 35 | ... | ... | ... | 12 | 12 | 9 | 20 | 23 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 21 | 34 | 34 | 36 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 34 | 24 | 24 | 28 |
| Jhelum ... | 19 | 18 | 19 | 28 | 30 | 29 | ... | ... | ... | 14 | 14 | 10 | 26 | 25 | 23 | 24 | 23 | 22 |
| Ráwalpindi ... | 18 | 18 | 18 | 36 | 36 | 32 | ... | ... | ... | 9 | 12 | 12 | 34 | 35 | 27 | 23 | 23 | 23 |
| Hazára ... | 19 | 20 | 17 | 33 | 34 | 24 | ... | ... | ... | 12 | 13 | 12 | § | § | § | 20 | 20 | 21 |
| Pesháwar ... | 18 | 17 | 18 | 44 | 45 | 36 | ... | ... | ... | 11 | 10 | 10 | 34 | 35 | 25 | 22 | 21 | 15 |
| Kohát ... | 22 | 21 | 16 | 45 | 43 | 26 | ... | ... | ... | 16 | 17 | 11 | 30 | 30 | ‡ | 30 | 30 | 16 |
| Bannu ... | 23 | 24 | 20 | 54 | 55 | 32 | ... | ... | ... | 15 | 15 | 10 | 43 | 43 | 25 | 31 | 31 | 18 |
| D. I. Khan ... | 18 | 17 | 20 | 41 | 39 | 39 | ... | ... | ... | 8 | 9 | 8 | 35 | 35 | 25 | 28 | 30 | 26 |
| D. G. Khan ... | 15 | 16 | 18 | 26 | 26 | 26 | ... | ... | ... | 8 | 8 | 9 | 24 | 25 | 23 | 21 | 24 | 25 |
| Muzaffargarh | 16 | 16 | 19 | 26 | 25 | 26 | ... | ... | ... | 14 | 13 | 13 | 20 | 20 | 20 | 20 | 20 | 20 |

‡ Not sold.
§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st MARCH 1890.**

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | | |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 24 | 23 | 26 | |
| † | † | † | 16 | 16 | 16 | 22 | 21 | 30 | |
| † | † | † | † | † | ‡ | 23 | 23 | 20 | |
| † | † | † | 12 | 12 | 13 | 22 | 22 | 28 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 22 | 21 | 32 | |
| 18 | 18 | 20 | 9 | 9 | 10 | 25 | 23 | 29 | |
| 17 | 17 | 20 | 9 | 8 | 8 | 18 | 17 | 17 | |
| 23 | 25 | 24 | 8 | 8 | 8 | 18 | 18 | 20 | |
| 14 | 14 | 12 | 16 | 16 | 28 | 23 | 22 | 26 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 24 | 22 | 27 | |
| † | † | † | 18 | 20 | 20 | 25 | 24 | 29 | |
| † | † | † | 22 | 22 | 16 | 27 | 27 | 28 | |
| † | † | † | 22 | 22 | 24 | 19 | 19 | 20 | |
| 22 | 20 | 25 | 22 | 22 | 22 | 18 | 18 | 19 | |
| § | § | § | 30 | 30 | 26 | 23 | 24 | 25 | |
| § | § | § | 30 | 30 | 20 | 24 | 24 | 27 | |
| † | † | † | 18 | 20 | 24 | 24 | 23 | 26 | |
| † | † | † | 16 | 16 | 16 | 22 | 22 | 23 | |
| § | § | § | 28 | 28 | 22 | 23 | 22 | 25 | |
| † | † | † | 10 | 12 | 12 | 22 | 22 | 24 | |
| § | § | § | 18 | 18 | 16 | 24 | 23 | 27 | |
| 20 | 20 | 18 | 20 | 20 | 20 | 26 | 26 | 28 | |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 24 | 23 | 25 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 22 | 24 | 25 | |
| † | † | § | 12 | 12 | 12 | 19 | 20 | 21 | |
| † | † | † | 22 | 21 | 19 | 19 | 20 | 21 | |
| § | † | † | 28 | 34 | ‡ | 28 | 20 | 24 | |
| 9 | 9 | 8 | 9 | 9 | 8 | 34 | 35 | 24 | |
| § | § | § | 6 | 6 | 6 | 27 | 27 | 21 | |
| § | § | § | § | § | § | 20 | 21 | 21 | |
| § | § | § | § | § | § | 20 | 19 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | | | | | | | |
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | | | | | | | |
| | | | | | | | | | | Present fortnight ending 31st March 1890. | | | | Past fortnight ending 15th March 1890. | | | | Corresponding fortnight of 1889. | | | |
| DISTRICT. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Wholesale. | | Retail. | | Wholesale. | | Retail. | | Wholesale. | | Retail. | |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | C. | Srs. | C. | Srs. | C. | Srs. | C. | Srs. | C. | Srs. | C. |
| Hissar ... | 18 | 19 | 18 | † | † | † | 120 | 120 | 85 | 12 | 4 | 12 | 0 | 12 | 4 | 12 | 0 | 12 | 0 | 11 | 8 |
| Rohtak ... | 18 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 | 8 | 11 | 0 | 11 | 0 | 11 | 0 | 11 | 0 | 11 | 0 |
| Gurgaon ... | 24 | 24 | 20 | 20 | 20 | 16 | 130 | 130 | 130 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Delhi ... | 18 | 18 | 25 | 25 | 25 | 22 | 80 | 80 | 80 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Karnál ... | 23 | 20 | 35 | 19 | 19 | 20 | 160 | 160 | 120 | 11 | 0 | 10 | 8 | 11 | 0 | 10 | 8 | 10 | 8 | 10 | 0 |
| Umballa ... | 24 | 22 | 30 | 20 | 20 | 19 | 140 | 140 | 130 | 13 | 0 | 13 | 0 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 8 |
| Simla ... | 16 | 18 | 22 | 12 | 11 | 10 | 68 | 65 | 65 | 10 | 0 | 9 | 8 | 10 | 4 | 9 | 8 | 9 | 8 | 9 | 0 |
| Kángra ... | 18 | 18 | 19 | 13 | 12 | 14 | 100 | 100 | 100 | ‡ | | 10 | 0 | ‡ | | 10 | 0 | ... | | 10 | 0 |
| Hoshiárpur ... | 23 | 23 | 30 | 16 | 14 | 18 | 85 | 88 | 120 | 13 | 4 | 13 | 2 | 13 | 4 | 13 | 2 | 13 | 2 | 12 | 0 |
| Jullundur ... | 27 | 22 | 33 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 | 0 | 12 | 8 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 8 |
| Ludhiána ... | 25 | 24 | 32 | 13 | 13 | 14 | 110 | 110 | 110 | 13 | 8 | 13 | 0 | 13 | 12 | 13 | 0 | 13 | 0 | 12 | 8 |
| Ferozepore ... | 24 | 25 | 30 | 11 | 11 | 11 | 110 | 100 | 100 | 13 | 4 | 13 | 0 | 13 | 4 | 13 | 0 | 13 | 8 | 13 | 4 |
| Mooltan ... | 21 | 22 | 22 | † | † | † | 100 | 100 | 100 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 13 | 0 | 13 | 0 |
| Jhang ... | 23 | 24 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 |
| Montgomery... | 24 | 26 | 23 | 12 | 12 | 12 | 200 | 200 | 200 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 | 12 | 0 | 11 | 0 |
| Lahore ... | 22 | 24 | 27 | 12 | 12 | 12 | 85 | 85 | 95 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 |
| Amritsar ... | 2[illegible] | 22 | 29 | † | † | † | 90 | 90 | 90 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 | 14 | 0 | 14 | 0 |
| Gurdáspur ... | 23 | 23 | 26 | 10 | 10 | 10 | 120 | 120 | 120 | 13 | 0 | 12 | 0 | 13 | 0 | 12 | 0 | 14 | 0 | 13 | 0 |
| Siálkot ... | 25 | 23 | 25 | 12 | § | 13 | 120 | 120 | 160 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 |
| Gujrát ... | 24 | 25 | 24 | † | † | † | 120 | 120 | 120 | * | | 14 | 0 | * | | 14 | 0 | * | | 14 | 0 |
| Gujránwála ... | 25 | 23 | 20 | § | § | § | 85 | 85 | 85 | 13 | 8 | 13 | 0 | 13 | 8 | 13 | 0 | 13 | 8 | 13 | 0 |
| Shahpur ... | 27 | 27 | 22 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 | 14 | 0 | 13 | 0 |
| Jhelum ... | 28 | 26 | 27 | ‡ | ‡ | ‡ | 160 | 130 | 160 | 14 | 0 | 14 | 0 | 14 | 0 | 14 | 0 | ... | | 14 | 0 |
| Ráwalpindi ... | 28 | 28 | 23 | 26 | 26 | 19 | 88 | 85 | 96 | 13 | 12 | 13 | 8 | 13 | 12 | 13 | 8 | 13 | 12 | 13 | 8 |
| Hazára ... | 29 | 32 | 20 | † | † | † | 100 | 100 | 100 | * | | 11 | 0 | * | | 11 | 0 | * | | 11 | 0 |
| Peshávar ... | 32 | 32 | 25 | 29 | 29 | 23 | 112 | 110 | 112 | 42 | 0 | 40 | 0 | 41 | 0 | 39 | 0 | 42 | 0 | 41 | 0 |
| Kohát ... | 34 | 32 | 20 | § | † | † | 145 | 143 | 125 | 65 | 0 | 60 | 0 | 65 | 0 | 60 | 0 | 60 | 0 | 58 | 0 |
| Bannu ... | 44 | 46 | 23 | 14 | 13 | 13 | 60 | 60 | 60 | 50 | 0 | 40 | 0 | 50 | 0 | 40 | 0 | 50 | 0 | 40 | 0 |
| D. I. Khan ... | 25 | 27 | 17 | 15 | 15 | 14 | 125 | 125 | 112 | 44 | 0 | 42 | 0 | 48 | 0 | 46 | 0 | 44 | 0 | 42 | 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 28 | 8 | 27 | 8 | 29 | 0 | 28 | 0 | 29 | 0 | 27 | 8 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 100 | 110 | * | | 11 | 0 | * | | 11 | 0 | * | | 12 | 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st MARCH 1890**—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C | Srs. C. | Srs. C. |
| 9 8 | 9 0 | 16 0 | 7 0 | 7 0 | 7 0 |
| 10 0 | 10 0 | 19 0 | 8 0 | 8 0 | 9 0 |
| 10 0 | 9 0 | 18 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 8 0 | 12 0 | 7 0 | 7 0 | 7 0 |
| 9 8 | 9 0 | 16 0 | 8 0 | 8 0 | 8 8 |
| 9 8 | 9 8 | 14 0 | 7 8 | 7 8 | 8 0 |
| 6 0 | 7 4 | 7 8 | 2 4 | 2 4 | 2 8 |
| | | | | | |
| 9 0 | 10 0 | 9 0 | 7 0 | 8 0 | 8 0 |
| 8 8 | 9 0 | 15 0 | 7 0 | 7 0 | 9 8 |
| 8 0 | 10 0 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 11 0 | 12 0 | 8 0 | 9 0 | 9 0 |
| 10 0 | 10 8 | 13 0 | 8 0 | 8 0 | 8 8 |
| | | | | | |
| 7 4 | 7 4 | 10 0 | 7 0 | 7 0 | 6 8 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 12 0 | 9 0 | 9 0 | 9 0 |
| 8 4 | 8 4 | 13 0 | 8 1 | 8 1 | 7 2 |
| 10 0 | 11 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 11 8 | 11 8 | 15 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 11 8 | 12 0 | 16 0 | 8 0 | 9 0 | 9 0 |
| 11 0 | 12 0 | 14 0 | 8 0 | 8 0 | 8 0 |
| 11 0 | 11 0 | 14 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 10 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 11 0 | 13 0 | 9 0 | 10 0 | 8 0 |
| 8 4 | 9 0 | 11 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 9 0 | § | § | § |
| 8 4 | 8 10 | 9 12 | 9 0 | 8 0 | 7 2 |
| 8 8 | 10 12 | 11 8 | 10 0 | 10 0 | 10 0 |
| | | | | | |
| 12 8 | 15 0 | 16 0 | 8 12 | 9 6 | 8 12 |
| 10 0 | 11 0 | 13 0 | 9 0 | 9 0 | 9 6 |
| 6 14 | 6 14 | 10 6 | 7 8 | 8 8 | 8 12 |
| 9 0 | 8 0 | 10 0 | 8 0 | 8 0 | 8 0 |

§ Not procurable.

**REMARKS ON CURRENT VARIATIONS.**

*Firewood.*—Prices average 121 seers as compared with 120 seers in last fortnight and 122 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 120 | 160 | 160 |
| Hoshiárpur | ... | 120 | 88 | 85 |
| Lahore | ... | 95 | 85 | 85 |
| Siálkot | ... | 160 | 120 | 120 |
| Kohát | ... | 125 | 143 | 145 |
| D. I. Khan | ... | 112 | 125 | 125 |

*Lahori Salt.*—Prices average 12 seers 3 chataks as compared with 12 seers 2 chataks in last fortnight and 12 seers 4 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs C. | Srs. C. |
| Hissar | ... | 11 8 | 12 0 | 12 0 |
| Hoshiárpur | ... | 12 0 | 13 2 | 13 0 |
| Amritsar | ... | 14 0 | 13 0 | 13 0 |

*Kohát Salt.*—Prices average 41 seers 14 chataks as compared with 42 seers 10 chataks in last fortnight and 41 seers 11 chataks in corresponding period of 1889. The following are the chief variations :—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers | Seers. |
| Kohát | ... | 58 | 60 | 60 |
| D. I. Khan | ... | 42 | 46 | 42 |

*Gur.*—Prices average 9 seers 6 chataks as compared with 9 seers 13 chataks in last fortnight and 13 seers 4 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Rohtak | ... | 19 0 | 10 0 | 10 0 |
| Hoshiárpur | ... | 15 0 | 9 0 | 8 8 |
| Amritsar | ... | 16 0 | 11 0 | 10 0 |
| Siálkot | ... | 16 0 | 12 0 | 11 8 |
| Hazára | ... | 11 0 | 8 0 | 8 0 |
| Bannu | ... | 16 0 | 15 0 | 12 8 |

*Cotton (Unginned).*—Prices average 8 seers 2 chataks as compared with 8 seers 5 chataks in last fortnight and 8 seers 3 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs C. | Srs. C. | Srs. C. |
| Rohtak | ... | 9 0 | 8 0 | 8 0 |
| Hoshiárpur | ... | 9 8 | 7 0 | 7 0 |
| Gurdáspur | ... | 8 0 | 9 0 | 9 0 |
| Ráwalpindi | ... | 8 0 | 10 0 | 10 0 |
| Peshàwar | ... | 7 2 | 8 0 | 9 0 |
| D. G. Khan | ... | 8 12 | 8 8 | 7 8 |

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 21 | 23 | 23 | 31 | ... | ... | ... | 13 | 13 | 12 | 21 | 21 | 25 | 19 | 19 | 21 | † | † | ... |
| Ferozepore ... | 19 | 19 | 22 | 30 | 20 | 30 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 24 | 24 | 22 | 20 | † | † | ... |
| Mooltan ... | 15 | 15 | 18 | 29 | 29 | 31 | ... | ... | ... | 13 | 13 | 11 | 22 | 23 | 27 | 20 | 21 | 20 | † | † | ... |
| Lahore ... | 17 | 18 | 20 | 31 | 27 | 34 | ... | ... | ... | 11 | 11 | 10 | 26 | 27 | 33 | 19 | 19 | 20 | § | § | ... |
| Amritsar ... | 19 | 20 | 22 | 28 | 30 | 29 | ... | ... | ... | 11 | 11 | 11 | 20 | 22 | 28 | 21 | 23 | 18 | † | † | ... |
| Peshawar ... | 19 | 18 | 19 | 46 | 46 | 37 | ... | ... | ... | 12 | 11 | 11 | 35 | 36 | 26 | 23 | 22 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 31st MARCH 1890.**

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st March 1890. | Past fortnight ending 15th March 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 13 | 13 | 14 | 23 | 23 | 29 | 19 | 19 | 26 | 26 | 26 | 23 | 8 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 | |
| 22 | 22 | 16 | 27 | 27 | 28 | 24 | 25 | 30 | 11 | 11 | 11 | 10 4 | 10 8 | 13 0 | 8 0 | 8 0 | 8 8 | |
| 23 | 23 | 25 | 20 | 20 | 21 | 22 | 23 | 23 | † | † | ... | 7 8 | 7 8 | 11 0 | 7 4 | 7 8 | 7 0 | |
| 31 | 31 | 22 | 25 | 24 | 28 | 23 | 25 | 28 | 13 | 13 | 13 | 9 12 | 8 12 | 13 8 | 8 3 | 8 3 | 7 6 | |
| 19 | 21 | 24 | 25 | 24 | 26 | 23 | 23 | 29 | † | † | ... | 10 8 | 12 0 | 17 0 | 8 0 | 8 8 | 8 0 | |
| 23 | 22 | 20 | 20 | 21 | 22 | 33 | 33 | 26 | 30 | 30 | 24 | 8 7 | 8 13 | 10 0 | 9 4 | 9 5 | 7 6 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | *Cholera.* | | | Small-pox. *Children under one year.* | | *One to under 12 years.* | | *Twelve and over 12 years.* | | Total of Small-pox. | CAUSE *Fevers.* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Males. | Females. | Total. | Males. | Females. | Males. | Females. | Males. | Females. | | Males. | Females. | Total. |
| 1 | Hissar ... | 672,569 | 1,715 | 1,686 | 33 | 33 | ... | ... | ... | 2 | ... | 9 | 11 | ... | ... | 22 | 667 | 527 | 1,194 |
| 2 | Rohtak ... | 553,609 | 1,514 | 1,300 | 36 | 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 597 | 447 | 1,044 |
| 3 | Gurgaon ... | 641,848 | 1,942 | 1,993 | 39 | 40 | ... | ... | ... | 22 | 12 | 62 | 34 | 5 | 4 | 139 | 801 | 673 | 1,474 |
| 4 | Delhi ... | 643,515 | 1,836 | 1,814 | 37 | 37 | ... | ... | ... | 2 | 1 | 7 | 7 | ... | ... | 17 | 629 | 577 | 1,206 |
| 5 | Karnál ... | 645,298 | 1,835 | 1,937 | 37 | 39 | ... | ... | ... | 12 | 11 | 31 | 25 | 3 | ... | 82 | 752 | 598 | 1,350 |
| 6 | Umballa ... | 1,032,665 | 2,637 | 2,038 | 33 | 26 | ... | ... | ... | 3 | 3 | 4 | 5 | 3 | 1 | 19 | 900 | 703 | 1,603 |
| 7 | Simla ... | 42,945 | 46 | 76 | 14 | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 | 14 | 25 |
| 8 | Kángra ... | 730,845 | 2,104 | 1,688 | 38 | 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 495 | 417 | 912 |
| 9 | Hoshiárpur | 901,381 | 3,422 | 2,215 | 49 | 32 | ... | ... | ... | 1 | 3 | 11 | 4 | ... | 1 | 20 | 867 | 615 | 1,482 |
| 10 | Jullundur ... | 789,555 | 3,248 | 1,878 | 54 | 31 | ... | ... | ... | ... | 2 | 7 | 3 | ... | ... | 12 | 640 | 502 | 1,142 |
| 11 | Ludhiána ... | 618,835 | 2,119 | 1,363 | 45 | 29 | ... | ... | ... | 2 | ... | 8 | 6 | ... | ... | 16 | 476 | 371 | 847 |
| 12 | Ferozepore | 747,329 | 2,652 | 1,892 | 46 | 33 | ... | ... | ... | 5 | 1 | 22 | 13 | 1 | ... | 42 | 734 | 518 | 1,252 |
| 13 | Mooltan ... | 551,964 | 1,553 | 1,457 | 37 | 34 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 596 | 453 | 1,049 |
| 14 | Jhang ... | 395,296 | 1,147 | 750 | 38 | 25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 223 | 206 | 429 |
| 15 | Montgomery | 426,529 | 1,561 | 1,041 | 48 | 32 | ... | ... | ... | 6 | ... | 4 | 5 | ... | 2 | 17 | 346 | 271 | 617 |
| 16 | Lahore ... | 924,106 | 3,371 | 2,544 | 48 | 36 | ... | ... | ... | 1 | 1 | 6 | 3 | ... | ... | 11 | 978 | 708 | 1,686 |
| 17 | Amritsar ... | 893,266 | 3,357 | 2,547 | 49 | 37 | ... | ... | ... | 2 | 5 | 5 | 6 | ... | ... | 18 | 788 | 615 | 1,403 |
| 18 | Gurdáspur | 823,695 | 3,398 | 2,121 | 54 | 34 | ... | ... | ... | 4 | 4 | 14 | 14 | 5 | 3 | 44 | 749 | 620 | 1,369 |
| 19 | Siálkot ... | 1,012,148 | 4,056 | 2,955 | 52 | 38 | ... | ... | ... | 28 | 15 | 44 | 49 | 6 | 4 | 146 | 938 | 792 | 1,730 |
| 20 | Gujrát ... | 689,115 | 2,040 | 1,701 | 39 | 32 | ... | ... | ... | 8 | 12 | 19 | 30 | 5 | 9 | 83 | 612 | 445 | 1,057 |
| 21 | Gujránwála | 616,892 | 2,229 | 1,711 | 47 | 36 | ... | ... | ... | 1 | 2 | 7 | 5 | 1 | 1 | 17 | 700 | 597 | 1,297 |
| 22 | Shahpur ... | 421,508 | 1,191 | 851 | 37 | 26 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 313 | 259 | 572 |
| 23 | Jhelum ... | 589,373 | 1,460 | 1,744 | 32 | 39 | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 3 | 762 | 641 | 1,403 |
| 24 | Ráwalpindi | 820,512 | 2,064 | 2,882 | 33 | 46 | ... | ... | ... | 1 | 1 | 1 | 3 | ... | ... | 6 | 1,371 | 1,066 | 2,437 |
| 25 | Hazára ... | 407,075 | 1,135 | 750 | 36 | 24 | ... | ... | ... | 1 | 3 | ... | 1 | ... | ... | 5 | 353 | 290 | 643 |
| 26 | Pesháwar ... | 592,674 | 963 | 916 | 21 | 20 | ... | ... | ... | 2 | 2 | 16 | 22 | 1 | 1 | 44 | 461 | 298 | 759 |
| 27 | Kohát ... | 181,540 | 294 | 458 | 21 | 33 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 222 | 182 | 404 |
| 28 | Bannu ... | 332,577 | 674 | 909 | 26 | 36 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 489 | 356 | 845 |
| 29 | D. I. Khan | 441,649 | 892 | 941 | 26 | 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 471 | 368 | 839 |
| 30 | D. G. Khan | 363,346 | 541 | 395 | 19 | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 203 | 152 | 355 |
| 31 | Muzaffargarh | 338,605 | 874 | 670 | 34 | 26 | ... | ... | ... | 1 | 1 | 1 | ... | ... | ... | 3 | 342 | 288 | 630 |
| | TOTAL ... | 18,842,264 | 57,870 | 47,223 | 40 | 33 | ... | ... | ... | 104 | 79 | 278 | 247 | 33 | 27 | 768 | 18,486 | 14,569 | 33,055 |
| | Total in previous month ... | ... | 67,627 | 60,027 | 42 | 38 | ... | ... | ... | 102 | 73 | 212 | 183 | 28 | 19 | 617 | 24,644 | 19,980 | 44,624 |
| | Total in same month of past year ... | ... | 54,614 | 37,014 | 38 | 26 | 1 | ... | 1 | 185 | 171 | 355 | 283 | 75 | 60 | 1,129 | 13,729 | 11,275 | 25,004 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The* 1*st April* 1890.

**THE MONTH OF FEBRUARY 1890.**

*the Punjab during the month of February* 1890.

OF DEATH.

| Bowel complaints. | | | Injuries. Suicide. | | | Injuries. Wounding. | | | Injuries. Accidents. | | | Injuries. Snake-bite and killed by wild beasts. | | | All other causes. | | | Total deaths from all causes. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 11 | 14 | 25 | 1 | ... | 1 | ... | ... | ... | 6 | 1 | 7 | ... | ... | ... | 251 | 186 | 437 | 947 | 739 | 1,686 |
| 7 | 7 | 14 | ... | 1 | 1 | 1 | ... | 1 | 5 | 2 | 7 | ... | 1 | 1 | 128 | 104 | 232 | 738 | 562 | 1,300 |
| 36 | 23 | 59 | ... | 3 | 3 | 1 | ... | 1 | 2 | 8 | 10 | ... | ... | ... | 181 | 126 | 307 | 1,110 | 883 | 1,993 |
| 22 | 16 | 38 | ... | ... | ... | ... | 3 | 3 | 5 | 3 | 8 | ... | ... | ... | 294 | 248 | 542 | 959 | 855 | 1,814 |
| 26 | 17 | 43 | ... | ... | ... | ... | 1 | 1 | ... | 4 | 4 | ... | ... | ... | 236 | 221 | 457 | 1,060 | 877 | 1,937 |
| 27 | 13 | 40 | ... | 2 | 2 | 1 | 1 | 2 | 5 | 1 | 6 | 1 | ... | 1 | 191 | 174 | 365 | 1,135 | 903 | 2,038 |
| 9 | 4 | 13 | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 | ... | ... | ... | 17 | 18 | 35 | 38 | 38 | 76 |
| 43 | 40 | 83 | 2 | 3 | 5 | ... | ... | ... | 8 | 4 | 12 | ... | ... | ... | 375 | 301 | 676 | 923 | 765 | 1,688 |
| 20 | 12 | 32 | 1 | ... | 1 | ... | ... | ... | 3 | 4 | 7 | 1 | ... | 1 | 384 | 288 | 672 | 1,288 | 927 | 2,215 |
| 14 | 16 | 30 | 1 | 1 | 2 | 1 | ... | 1 | 5 | 3 | 8 | ... | ... | ... | 336 | 347 | 683 | 1,004 | 874 | 1,878 |
| 6 | 3 | 9 | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 | ... | ... | ... | 284 | 204 | 488 | 777 | 586 | 1,363 |
| 15 | 11 | 26 | ... | ... | ... | 2 | ... | 2 | 2 | 2 | 4 | ... | ... | ... | 301 | 265 | 566 | 1,082 | 810 | 1,892 |
| 19 | 18 | 37 | ... | ... | ... | ... | ... | ... | 9 | 7 | 16 | ... | ... | ... | 186 | 168 | 354 | 811 | 646 | 1,457 |
| 8 | 13 | 21 | ... | ... | ... | 1 | ... | 1 | 4 | 3 | 7 | 1 | ... | 1 | 168 | 123 | 291 | 405 | 345 | 750 |
| 8 | 5 | 13 | ... | 1 | 1 | 1 | ... | 1 | 3 | 1 | 4 | 1 | ... | 1 | 210 | 177 | 387 | 579 | 462 | 1,041 |
| 26 | 6 | 32 | 1 | ... | 1 | 1 | ... | 1 | 10 | 2 | 12 | 2 | ... | 2 | 442 | 357 | 799 | 1,467 | 1,077 | 2,544 |
| 23 | 12 | 35 | ... | ... | ... | 1 | ... | 1 | 8 | 9 | 17 | ... | 1 | 1 | 536 | 536 | 1,072 | 1,363 | 1,184 | 2,547 |
| 15 | 10 | 25 | ... | ... | ... | ... | ... | ... | 4 | 3 | 7 | 1 | ... | 1 | 377 | 298 | 675 | 1,169 | 952 | 2,121 |
| 40 | 26 | 66 | ... | ... | ... | ... | ... | ... | 4 | 3 | 7 | 1 | ... | 1 | 556 | 449 | 1,005 | 1,617 | 1,338 | 2,955 |
| 17 | 6 | 23 | ... | ... | ... | ... | ... | ... | 4 | 3 | 7 | ... | ... | ... | 312 | 219 | 531 | 977 | 724 | 1,701 |
| 23 | 16 | 39 | ... | ... | ... | ... | 1 | 1 | 9 | 4 | 13 | 1 | ... | 1 | 203 | 140 | 343 | 945 | 766 | 1,711 |
| 18 | 16 | 34 | ... | ... | ... | ... | ... | ... | 6 | 2 | 8 | 2 | ... | 2 | 144 | 90 | 234 | 483 | 368 | 851 |
| 42 | 33 | 75 | ... | ... | ... | 1 | ... | 1 | 3 | 4 | 7 | 1 | ... | 1 | 123 | 131 | 254 | 934 | 810 | 1,744 |
| 59 | 46 | 105 | ... | ... | ... | 3 | 1 | 4 | 12 | 20 | 32 | 1 | ... | 1 | 158 | 139 | 297 | 1,606 | 1,276 | 2,882 |
| 2 | 2 | 4 | 1 | ... | 1 | ... | ... | ... | 2 | 2 | 4 | ... | 1 | 1 | 53 | 39 | 92 | 412 | 338 | 750 |
| 8 | 4 | 12 | ... | ... | ... | 2 | 2 | 4 | 5 | 1 | 6 | ... | ... | ... | 59 | 32 | 91 | 554 | 362 | 916 |
| 2 | 2 | 4 | ... | ... | ... | 2 | ... | 2 | ... | ... | ... | ... | ... | ... | 30 | 18 | 48 | 256 | 202 | 458 |
| 9 | 6 | 15 | ... | ... | ... | 1 | ... | 1 | 1 | ... | 1 | ... | ... | ... | 26 | 21 | 47 | 526 | 383 | 909 |
| 43 | 33 | 76 | ... | ... | ... | 1 | 1 | 2 | ... | 2 | 2 | 1 | 1 | 2 | 10 | 10 | 20 | 526 | 415 | 941 |
| 4 | 2 | 6 | 1 | ... | 1 | ... | 1 | 1 | ... | 3 | 3 | ... | ... | ... | 15 | 14 | 29 | 223 | 172 | 395 |
| 3 | ... | 3 | ... | ... | ... | ... | ... | ... | 2 | 4 | 6 | ... | ... | ... | 14 | 14 | 28 | 363 | 307 | 670 |
| 605 | 432 | 1037 | 8 | 11 | 19 | 20 | 11 | 31 | 129 | 109 | 238 | 14 | 4 | 18 | 6,600 | 5,457 | 12,057 | 26,277 | 20,946 | 47,223 |
| 812 | 497 | 1309 | 6 | 10 | 16 | 19 | 3 | 22 | 126 | 86 | 212 | 12 | 5 | 17 | 7,089 | 6,121 | 13,210 | 33,050 | 26,977 | 60,027 |
| 553 | 327 | 880 | 9 | 6 | 15 | 21 | 11 | 32 | 149 | 103 | 252 | 24 | 8 | 32 | 5,226 | 4,443 | 9,669 | 20,327 | 16,687 | 37,014 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Fifty-seven thousand eight hundred and seventy births were registered in the Province during the month of February 1890, giving a birth-rate of 40 per mille of population. Of the total number of births, 31,090 were boys and 26,780 were girls.

The total number of deaths registered from all causes in the Province during the month of February 1890 was 47,223 against 60,027 in the previous month and 37,014 in the corresponding month of the past year, giving an annual death-rate of 33, 38 and 26 per mille of population per annum respectively.

There was not a single death registered under the head of cholera.

From small-pox 768 deaths were registered against 617 in the previous month and 1,129 in the corresponding month of the past year; fevers 33,055 against 44,624 and 25,004; bowel complaints 1,037 against 1,309 and 880.

During the month there were 19 deaths registered from suicide against 16 in the past month; wounding 31 against 22; accidents 238 against 212; snake-bite and killed by wild beasts 18 against 17; and from all other causes 12,057 against 13,210 and 9,669 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The* 1st *April* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of February* 1890.

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 701 | 608 | 1,309 | 220 | 186 | 406 | ... | ... | ... | 921 | 794 | 1,715 | 33 |
| 2 | Rohtak ... | ... | ... | ... | 716 | 612 | 1,328 | 106 | 80 | 186 | ... | ... | ... | 822 | 692 | 1,514 | 36 |
| 3 | Gurgaon ... | ... | ... | ... | 714 | 566 | 1,280 | 366 | 296 | 662 | ... | ... | ... | 1,080 | 862 | 1,942 | 39 |
| 4 | Delhi ... | ... | 1 | 1 | 752 | 668 | 1,420 | 219 | 196 | 415 | ... | ... | ... | 971 | 865 | 1,836 | 37 |
| 5 | Karnál ... | ... | ... | ... | 714 | 672 | 1,386 | 226 | 223 | 449 | ... | ... | ... | 940 | 895 | 1,835 | 37 |
| 6 | Umballa ... | ... | ... | ... | 1,028 | 861 | 1,889 | 389 | 359 | 748 | ... | ... | ... | 1,417 | 1,220 | 2,637 | 33 |
| 7 | Simla ... | ... | ... | ... | 22 | 19 | 41 | 3 | 2 | 5 | ... | ... | ... | 25 | 21 | 46 | 14 |
| 8 | Kángra ... | ... | ... | ... | 1,036 | 955 | 1,991 | 70 | 43 | 113 | ... | ... | ... | 1,106 | 998 | 2,104 | 38 |
| 9 | Hoshiárpur ... | 1 | ... | 1 | 1,171 | 1,035 | 2,206 | 635 | 580 | 1,215 | ... | ... | ... | 1,807 | 1,615 | 3,422 | 49 |
| 10 | Jullundur ... | ... | ... | ... | 879 | 786 | 1,665 | 818 | 765 | 1,583 | ... | ... | ... | 1,697 | 1,551 | 3,248 | 54 |
| 11 | Ludhiána ... | ... | 1 | 1 | 741 | 623 | 1,364 | 414 | 340 | 754 | ... | ... | ... | 1,155 | 964 | 2,119 | 45 |
| 12 | Ferozepore ... | ... | ... | ... | 722 | 564 | 1,286 | 736 | 630 | 1,366 | ... | ... | ... | 1,458 | 1,194 | 2,652 | 46 |
| 13 | Mooltan ... | ... | ... | ... | 120 | 134 | 254 | 689 | 610 | 1,299 | ... | ... | ... | 809 | 744 | 1,553 | 37 |
| 14 | Jhang ... | ... | ... | ... | 110 | 94 | 204 | 499 | 444 | 943 | ... | ... | ... | 609 | 538 | 1,147 | 38 |
| 15 | Montgomery ... | ... | ... | ... | 196 | 164 | 360 | 632 | 568 | 1,200 | ... | 1 | 1 | 828 | 733 | 1,561 | 48 |
| 16 | Lahore ... | 4 | ... | 4 | 485 | 418 | 903 | 1,307 | 1,157 | 2,464 | ... | ... | ... | 1,796 | 1,575 | 3,371 | 48 |
| 17 | Amritsar ... | ... | ... | ... | 901 | 813 | 1,714 | 901 | 742 | 1,643 | ... | ... | ... | 1,802 | 1,555 | 3,357 | 49 |
| 18 | Gurdáspur ... | ... | ... | ... | 871 | 787 | 1,658 | 883 | 856 | 1,739 | 1 | ... | 1 | 1,755 | 1,643 | 3,398 | 54 |
| 19 | Siálkot ... | 4 | 8 | 12 | 640 | 619 | 1,259 | 1,502 | 1,283 | 2,785 | ... | ... | ... | 2,146 | 1,910 | 4,056 | 52 |
| 20 | Gujrát ... | ... | ... | ... | 128 | 100 | 228 | 1,009 | 802 | 1,811 | ... | 1 | 1 | 1,137 | 903 | 2,040 | 39 |
| 21 | Gujránwála ... | ... | ... | ... | 265 | 232 | 497 | 942 | 790 | 1,732 | ... | ... | ... | 1,207 | 1,022 | 2,229 | 47 |
| 22 | Shahpur ... | ... | ... | ... | 89 | 78 | 167 | 548 | 475 | 1,023 | 1 | ... | 1 | 638 | 553 | 1,191 | 37 |
| 23 | Jhelum ... | ... | ... | ... | 87 | 64 | 151 | 686 | 623 | 1,309 | ... | ... | ... | 773 | 687 | 1,460 | 32 |
| 24 | Ráwalpindi ... | ... | ... | ... | 125 | 95 | 220 | 981 | 860 | 1,841 | 1 | 2 | 3 | 1,107 | 957 | 2,064 | 33 |
| 25 | Hazára ... | ... | ... | ... | 26 | 28 | 54 | 584 | 497 | 1,081 | ... | ... | ... | 610 | 525 | 1,135 | 36 |
| 26 | Peshâwar ... | ... | ... | ... | 31 | 12 | 43 | 581 | 335 | 916 | 4 | ... | 4 | 616 | 347 | 963 | 21 |
| 27 | Kohát ... | ... | ... | ... | 7 | 3 | 10 | 160 | 124 | 284 | ... | ... | ... | 167 | 127 | 294 | 21 |
| 28 | Bannu ... | ... | ... | ... | 41 | 33 | 74 | 357 | 243 | 600 | ... | ... | ... | 398 | 276 | 674 | 26 |
| 29 | Dera Ismail Khan | ... | ... | ... | 64 | 47 | 111 | 444 | 337 | 781 | ... | ... | ... | 508 | 384 | 892 | 26 |
| 30 | Dera Gházi Khan | ... | ... | ... | 51 | 32 | 83 | 270 | 183 | 453 | 1 | 4 | 5 | 322 | 219 | 541 | 19 |
| 31 | Muzaffargarh ... | ... | ... | ... | 59 | 51 | 110 | 403 | 360 | 763 | 1 | ... | 1 | 463 | 411 | 874 | 34 |
| | **Total** ... | 9 | 10 | 19 | 13,492 | 11,773 | 25,265 | 17,580 | 14,989 | 32,569 | 9 | 8 | 17 | 31,090 | 26,780 | 57,870 | 40 |

Sanitary Commissioner's Office,
Lahore:
*The 1st April* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 15th MARCH 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 2 | 4 | 8 | 4 | 4 | ... | ... | 4 | 1 | ... | 3 | 1 | ... | 1 | 15 | 29 |
| 2 | | Hansi ... | 12,656 | 1 | 5 | 6 | 25 | 12 | 13 | ... | ... | 9 | ... | ... | 16 | 1 | 3 | 4 | 25 | 103 |
| 3 | | Bhiwani ... | 33,762 | 7 | 4 | 11 | 39 | 15 | 24 | ... | ... | 9 | 3 | ... | 27 | 2 | 6 | 8 | 17 | 60 |
| 4 | | Sirsa ... | 12,292 | 1 | 3 | 4 | 9 | 5 | 4 | ... | ... | 6 | ... | ... | 3 | 1 | ... | 1 | 17 | 38 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | 6 | 12 | 11 | 8 | 3 | ... | ... | 2 | ... | ... | 9 | 2 | 2 | 4 | 40 | 37 |
| 6 | | Jhajjar ... | 11,650 | 3 | 3 | 6 | 7 | 6 | 1 | ... | ... | 1 | ... | ... | 6 | 2 | 1 | 3 | 27 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 5 | 4 | 9 | 4 | 3 | 1 | ... | 1 | 2 | ... | ... | 1 | 1 | 1 | 2 | 19 | 8 |
| 8 | | Palwal ... | 10,635 | 5 | 4 | 9 | 9 | 4 | 5 | ... | 1 | 7 | 1 | ... | ... | 2 | ... | 2 | 44 | 44 |
| 9 | Delhi ... | Delhi ... | 117,363 | 47 | 68 | 115 | 98 | 61 | 37 | ... | 2 | 66 | 2 | 1 | 27 | 13 | 8 | 21 | 51 | 44 |
| 10 | | " Suburbs ... | 52,882 | 17 | 14 | 31 | 28 | 16 | 12 | ... | ... | 23 | ... | ... | 5 | 4 | 1 | 5 | 31 | 28 |
| 11 | | Sonepat ... | 13,077 | 5 | 6 | 11 | 12 | 4 | 8 | ... | ... | 5 | ... | ... | 7 | 2 | 3 | 5 | 44 | 48 |
| 12 | Karnal ... | Karnal ... | 23,133 | 9 | 5 | 14 | 15 | 10 | 5 | ... | ... | 8 | ... | ... | 7 | 1 | 1 | 2 | 32 | 34 |
| 13 | | Kaithal ... | 14,754 | 4 | 5 | 9 | 12 | 10 | 2 | ... | ... | 4 | 3 | ... | 5 | 4 | 1 | 5 | 32 | 42 |
| 14 | | Panipat ... | 26,572 | 7 | 11 | 18 | 21 | 13 | 8 | ... | 1 | 7 | 1 | ... | 12 | 1 | ... | 1 | 35 | 41 |
| 15 | Umballa ... | Umballa ... | 26,777 | 16 | 6 | 22 | 17 | 8 | 9 | ... | ... | 9 | ... | ... | 8 | 1 | 3 | 4 | 43 | 33 |
| 16 | | Jagadhri ... | 12,300 | 3 | 4 | 7 | 8 | 5 | 3 | ... | ... | 4 | ... | ... | 4 | ... | ... | ... | 30 | 34 |
| 17 | | Shahabad ... | 10,218 | 2 | 3 | 5 | 4 | 4 | ... | ... | ... | 2 | ... | ... | 2 | ... | ... | ... | 26 | 20 |
| 18 | | Sadhaura ... | 10,794 | 3 | 4 | 7 | 4 | 1 | 3 | ... | ... | 2 | ... | ... | 2 | ... | 1 | 1 | 34 | 19 |
| 19 | | Rupar ... | 10,326 | 4 | 3 | 7 | 5 | 2 | 3 | ... | ... | 3 | ... | ... | 2 | ... | 1 | 1 | 35 | 25 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 5 | 7 | 12 | 6 | 4 | 2 | ... | ... | 2 | 1 | ... | 3 | ... | 1 | 1 | 47 | 24 |
| 21 | | Tanda and Urmar ... | 10,295 | 2 | ... | 2 | 6 | 4 | 2 | ... | ... | 6 | ... | ... | ... | 1 | ... | 1 | 10 | 30 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 20 | 13 | 33 | 22 | 10 | 12 | ... | ... | 9 | ... | ... | 13 | 2 | 2 | 4 | 55 | 37 |
| 23 | | " Suburbs ... | 11,474 | 5 | 8 | 13 | 14 | 5 | 9 | ... | ... | 6 | ... | ... | 8 | 1 | 1 | 2 | 59 | 64 |
| 24 | | Rahon ... | 11,736 | 8 | 5 | 13 | 5 | 2 | 3 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | 58 | 22 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 19 | 13 | 32 | 24 | 18 | 6 | ... | 2 | 17 | 1 | 1 | 3 | 8 | 1 | 9 | 38 | 28 |
| 26 | | Jagraon ... | 16,873 | 9 | 4 | 13 | 14 | 9 | 5 | ... | ... | 4 | 1 | ... | 9 | 3 | 1 | 4 | 40 | 43 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 8 | 7 | 15 | 15 | 6 | 9 | ... | ... | 12 | ... | ... | 3 | 1 | 1 | 2 | 37 | 37 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 14 | 5 | 19 | 13 | 7 | 6 | ... | ... | 4 | 1 | ... | 8 | 4 | 3 | 7 | 31 | 21 |
| 29 | | " Suburbs ... | 25,593 | 8 | 9 | 17 | 15 | 6 | 9 | ... | ... | 5 | 1 | ... | 9 | 1 | 3 | 4 | 35 | 31 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 2 | 4 | 6 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 25 | 21 |
| 31 | | Chiniot ... | 10,731 | 5 | 11 | 16 | 5 | 3 | 2 | ... | ... | 2 | 1 | 1 | 1 | 1 | ... | 1 | 78 | 24 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 41 | 34 | 75 | 87 | 55 | 32 | ... | ... | 49 | 3 | ... | 35 | 11 | 6 | 17 | 40 | 47 |
| 33 | | " Suburbs ... | 41,670 | 4 | 5 | 9 | 25 | 17 | 8 | ... | ... | 15 | 2 | ... | 8 | 1 | 2 | 3 | 11 | 31 |
| 34 | | Kasur ... | 17,336 | 9 | 4 | 13 | 13 | 7 | 6 | ... | ... | 6 | 1 | ... | 6 | 1 | 2 | 3 | 39 | 39 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 54 | 43 | 97 | 144 | 75 | 69 | ... | ... | 47 | 3 | 1 | 93 | 9 | 13 | 22 | 35 | 52 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 12 | 15 | 27 | 19 | 11 | 8 | ... | ... | 12 | 1 | ... | 6 | 2 | 2 | 4 | 58 | 41 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 17 | 10 | 27 | 26 | 10 | 16 | ... | ... | 8 | 1 | ... | 17 | 1 | 1 | 2 | 42 | 40 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 4 | 9 | 9 | 7 | 2 | ... | ... | 5 | ... | ... | 4 | 1 | ... | 1 | 25 | 25 |
| 39 | | Jalalpur ... | 12,839 | 3 | 9 | 12 | 5 | 2 | 3 | ... | ... | 1 | ... | ... | 4 | 1 | 2 | 3 | 49 | 20 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 10 | 8 | 18 | 19 | 10 | 9 | ... | 7 | 5 | ... | ... | 7 | 3 | 4 | 7 | 41 | 43 |
| 41 | | Wazirabad ... | 16,462 | 13 | 3 | 16 | 10 | 4 | 6 | ... | ... | 5 | ... | ... | 5 | 1 | 3 | 4 | 51 | 32 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 5 | 5 | 10 | 6 | 3 | 3 | ... | ... | 3 | ... | ... | 3 | 1 | 2 | 3 | 34 | 21 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 5 | 3 | 2 | ... | ... | 4 | 1 | ... | ... | 1 | ... | 1 | 9 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | 7 | 9 | 9 | 5 | 4 | ... | ... | 6 | 1 | ... | 2 | ... | ... | ... | 28 | 28 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 9 | 10 | 19 | 22 | 12 | 10 | ... | ... | 14 | ... | ... | 8 | 2 | 3 | 5 | 36 | 41 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 20 | 15 | 35 | 29 | 17 | 12 | ... | 1 | 14 | 2 | ... | 12 | 2 | 1 | 3 | 31 | 26 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 2 | 6 | 5 | 1 | 4 | ... | ... | 3 | ... | ... | 2 | ... | 2 | 2 | 23 | 19 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 4 | 5 | 9 | 11 | 4 | 7 | ... | ... | 8 | 3 | ... | ... | ... | 2 | 2 | 25 | 30 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 2 | 2 | 4 | 6 | 3 | 3 | ... | ... | 6 | ... | ... | ... | 1 | ... | 1 | 11 | 16 |
| | Birth and death rate of London for the week ending 22nd February 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31·9 | 21·8 |
| | Grand Total ... | | 1,311,330 | 468 | 428 | 896 | 930 | 515 | 415 | ... | 15 | 459 | 35 | 4 | 417 | 99 | 91 | 190 | 36 | 37 |
| | *Hill Sanitaria* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... | 12,305 | ... | 1 | 1 | 8 | 7 | 1 | ... | ... | 2 | 2 | ... | 4 | 1 | ... | 1 | 4 | 34 |
| | Dharmsala ... | ... | 3,839 | 1 | 2 | 3 | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 41 | 14 |
| | Dalhousie ... | ... | 870 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... |
| | Murree ... | ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 7th April 1890.*

A. STEPHEN, *Surgeon-Major*,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 15th March 1890.*

*General Results.*—The total deaths registered from all causes in the Province were 11,134 against 10,954 in the previous week and 7,655 in the corresponding week of the past year, giving respectively an annual death-rate of 30·8, 30·3 and 21·2 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 258 deaths were registered against 208 in the previous week and 179 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,794 deaths against 7,567 in the previous week and 5,070 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 236 deaths against 264 and 184.

*Chest disease.*—Seven hundred and twelve against 830 and 581.

*Snake-bite.*—0 against 0 and 6.

*Hydrophobia.*—1 against 0 and 2.

*All other causes.*—Two thousand one hundred and thirty-three against 2,085 in the previous week and 1,633 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand seven hundred and fifty-eight deaths were registered in the Province amongst infants under one year of age, of which number 1,482 were males and 1,276 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 930 deaths were registered (515 males and 415 females), giving a death-rate of 37 per mille of population; 896 births were registered (468 males and 428 females), giving a birth-rate of 36 per mille of population. The death rate in the Municipal town of Hánsi in the Hissar District is again very high, being at the annual rate of 103 per 1,000.

LAHORE:
*The 7th April 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of February* 1890 *as compared with the same month of the previous year.*

| | STAPLES. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 1,416 | 3,091 | ... | 1,675 |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 10,269 | 9,137 | 1,132 | ... |
| | Do., intermediate and half-pressed ... | 232 | 135 | 97 | ... |
| | Do., unpressed ... | 1,607 | 924 | 683 | ... |
| III | Cotton twist and yarn ... | 331 | 368 | ... | 37 |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 903 | 1,341 | ... | 438 |
| | (2) Indian ... | 703 | 587 | 116 | ... |
| V | Drugs and medicines ... | 36 | 17 | 19 | ... |
| VI | Dye roots and colours ... | 1,199 | 324 | 875 | ... |
| VII | Firewood ... | 2,515 | 1,020 | 1,495 | ... |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 3,006 | 2,718 | 288 | ... |
| | (2) Other grains ... | 17,057 | 22,249 | ... | 5,192 |
| IX | Hay and grass ... | 17 | 98 | ... | 81 |
| X | Hides and skins ... | 564 | 648 | ... | 84 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 87 | 60 | 27 | ... |
| | (2) Gunny bags ... | 750 | 771 | ... | 21 |
| XII | Leather manufactured ... | 35 | 47 | ... | 12 |
| XIII | Liquors, wines, spirits and beer ... | 124 | 198 | ... | 74 |
| XIV | Machinery ... | 57 | 7 | 50 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,867 | 1,103 | 764 | ... |
| | (2) Brass and Copper ... | 350 | 105 | 245 | ... |
| | (3) Zinc and Spelter ... | 22 | 28 | ... | 6 |
| | (4) Lead ... | 38 | 10 | 28 | ... |
| | (5) Others ... | 276 | 467 | ... | 191 |
| XVI | Military Stores ... | 835 | 305 | 530 | ... |
| XVII | Mowra flowers and seeds ... | 182 | 276 | ... | 94 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 367 | 246 | 121 | ... |
| | (2) Others ... | 330 | 247 | 83 | ... |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 93 | 170 | ... | 77 |
| | (2) Rape seed ... | 515 | 289 | 226 | ... |
| | (3) Other oil seeds ... | 3,116 | 1,843 | 1,273 | ... |
| XX | Opium ... | 27 | 109 | ... | 82 |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 546 | 794 | ... | 248 |
| | (2) Dried Fruits and Nuts ... | 626 | 617 | 9 | ... |
| | (3) Cocoanuts ... | 453 | 528 | ... | 75 |
| | (4) Oilman stores ... | 46 | 26 | 20 | ... |
| | (5) Fruits, green, and vegetables... | 1,999 | 1,783 | 216 | ... |
| | (6) Others ... | 143 | 265 | ... | 122 |
| XXII | Railway material and rolling stock ... | 9,270 | 3,371 | 5,899 | ... |
| XXIII | Salt ... | 20,147 | 15,466 | 4,681 | ... |
| XXIV | Saltpetre ... | 1,150 | 1,449 | ... | 299 |
| XXV | Silk, raw and manufactured ... | 9 | 26 | ... | 17 |
| XXVI | Spices ... | 307 | 480 | ... | 173 |
| XXVII | Sugar and jagri ... | 16,695 | 17,553 | ... | 858 |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 50 | 28 | 22 | ... |
| | (2) Others ... | 1,651 | 1,061 | 590 | ... |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 72 | 1 | 71 | ... |
| | (2) Indian ... | 11 | 64 | ... | 53 |
| XXX | Timber ... | 2,125 | 2,885 | ... | 760 |
| XXXI | Tobacco ... | 655 | 324 | 331 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 75 | 54 | 21 | ... |
| | (2) Piece-goods, woollen ... | 60 | 4 | 56 | ... |
| XXXIII | All other articles ... | 8,943 | 10,942 | ... | 1,999 |
| | Total ... | 1,13,959 | 1,06,659 | 19,968 | 12,668 |
| | *Net* Increase ... | ... | ... | 7,300 | ... |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 22nd March 1890.*

J. O'CONNELL,
*Chief Auditor and Accountant.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF FEBRUARY 1890.

| Month. | Documents Registered. | | | Total collections, inclusive of copying fees. | Total expenditure, inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| February 1890 ... ... | 5,403 | 823 | 882 | 20,319 | 5,620 | |
| February 1889 ... ... | 4,663 | 709 | 873 | 17,723 | 9,876 | |
| Difference ... ... | + 740 | + 114 | + 9 | + 2,596 | — 4,256 | |
| First eleven months of 1889-90 ... | 52,581 | 8,608 | 9,146 | 1,98,874 | 62,427 | |
| First eleven months of 1888-89 ... | 54,911 | 9,317 | 9,301 | 2,06,004 | 1,04,244 | |
| Difference ... ... | — 2,330 | — 709 | — 155 | — 7,130 | — 41,817 | |

OFFICE OF INSPECTOR-GENERAL OF REGISTRATION, PUNJAB,
LAHORE:
*The 25th March* 1890.

T. GORDON WALKER,
*Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—10-4-90—690.

No. 16 of 1890.

DIEU ET MON DROIT. HONI SOIT QUI MAL Y PENSE

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 17, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 15th APRIL 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Fodder scarce. | Rising. | Crops harvesting; good on canal, very poor elsewhere. | ... |
| 2 | Delhi ... | ... | Do. | Fluctuating. | Reaping progressing. | ... |
| 3 | Umballa ... | ... | Do. | ... | Harvesting commenced. Prospects poor. | ... |
| 4 | Jullundur ... | ... | Fodder insufficient. | Stationary. | Reaping commenced. | Cotton and sugarcane sowings in progress. |
| 5 | Ferozepore ... | ... | Fodder sufficient. | Do. | Reapings in progress; yield expected about average. | ... |
| 6 | Amritsar ... | ... | Do. | Do. | Irrigated crops fairly good; barani below average. No complaints against canal working. | ... |
| 7 | Siálkot ... | ... | Fodder scanty. | Do. | Slight hail in Daska; no damage done to crops. | Sugarcane and cotton being sown on irrigated lands. |
| 8 | Lahore ... | ... | Fodder scarce in dry tracts. | Falling at Sharakpur. Stationary elsewhere. | Reaping commenced. Outturn on barani inferior; elsewhere average. Crops in Sharakpur Tahsíl very poor. | Ploughings in progress. |
| 9 | Mooltan ... | ... | Fodder insufficient in the interior of the district. | Rising. | Cutting commenced. | ... |
| 10 | Ráwalpindi ... | 0·09 at Ráwalpindi. 0·70 in Attock 0·90 in Gujar Khan. 0·07 in Kahúta 0·40 in Murree | Fodder sufficient. | Stationary. | Prospects average. | ... |
| 11 | Shahpur ... | Slight rainfall in Tahsíl Shahpur. | Do. | Do. | Expected outturn below average. | ... |
| 12 | D. I. Khan ... | ... | Fodder supply average. | Do. | Reaping in progress. | ... |
| 13 | Peshâwar ... | 0·01 | Fodder sufficient. | Do. | Prospects of crops average on ábi lands. Barani crops in bad condition. | Sowings commenced on ábi lands. No sowings on baráni. |

*GENERAL REMARKS.*

Slight rain in Ráwalpindi, Shahpur and Peshâwar. Prices rising in Hissar and Mooltan; fluctuating in Delhi and stationary elsewhere. Harvesting of rabi crops in progress; kharif sowings going on in Jullundur, Siálkot and Peshâwar Prospects of crops generally average on irrigated lands, but poor elsewhere. Fodder sufficient in Ferozepore, Amritsar, Ráwalpindi, Shahpur, Dera Ismail Khan and Peshâwar; Scarce elsewhere.

TULSI DAS, *Offg. Supdt.,*

***Office of Director of Land Records and Agriculture, Punjab.***

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*,—Watson's Improved.
*s*,—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 16th March* 1890. | | | | | | | | |
| | | | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th | Saturday 15th. | Sunday 16th. | | |
| Ferozepore. | Ferozepore City ... | 15th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Natháná ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 23rd March* 1890. | | | | | | | | |
| | | | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Sunday 23rd. | | |
| Simla. | Kilba *s* | 15th March ... | ... | 0·09 | ... | 1·60 | 1·98 | ... | 0·05 | 3·72 | |
| Ferozepore. | Muktsar ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Natháná ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Shekhupura ... | 4th March ... | ... | ... | ... | 0·40 | ... | ... | ... | 0·40 | |
| | | | *Week ending 30th March* 1890. | | | | | | | | |
| | | | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | Sunday 30th. | | |
| Simla. | Kasauli *s* | 21st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 22nd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khai ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | 23rd March ... | 0·68 | ... | ... | 0·06 | 0·04 | ... | 0·09 | 0·87 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 6th APRIL 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Months of March and April* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 31st. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th | Sunday 6th. | Total. | Special Remarks. |
| Hissar. | Sirsa | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Barauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla | 22nd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba | 30th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kulu | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nagar | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pálampur | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hamírpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera | 22nd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kángra | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Months of March and April* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 31st. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi *s* | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabirwala | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang *s* | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* *b* | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* *b* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore *s* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsíl | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur *s* | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie *s* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mádhopur *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Siálkot. | Zafarwál | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot *s* | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each day of the Week. Months of March and April 1890. Monday 31st. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 25th March ... | ... | ... | ... | ... | ... | ... | ... | ... | Rain urgently required for extra Rabi crops and for preparing land for Kharif. |
| | Gujrát ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália ... | 21st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hafizabad ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána C ... | 6th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 25th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | 28th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 28th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station s | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang .. | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree s | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hazara. | Abbott-abad s | 28th March ... | 0·17 | ... | 0·04 | 0 10 | ... | ... | ... | 0·31 | |
| | Mansahra ... | Ditto ... | 0·16 | ... | 0·06 | ... | ... | ... | ... | 0·22 | |
| | Haripur ... | Ditto ... | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| Peshawar. | Swábi .. | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | Ditto. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 27th March ... | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| | Mardán s | 24th Do. ... | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Katlang .. | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 28th March ... | 0·20 | ... | 0·10 | ... | ... | ... | ... | 0·30 | |
| | Doáb Daudzai ... | 27th Do. ... | ... | ... | 0·09 | ... | ... | ... | ... | 0·09 | |
| | Peshawar s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát s | 30th March ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Hangu ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bannu. | Miánwáli ... | 24th March ... | ... | ... | ... | ... | 0 03 | ... | ... | 0·03 | |
| | Isa Khel ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Márwat ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | 27th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 22nd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending* 16th *February* 1890.

Against Kahúta (Ráwalpindi District) omit 1·04 and 1·37 from and insert 0·04 and 0·37 in columns 8 and 11 respectively.

*For the week ending* 23rd *February* 1890.

Against Pálampur (Kángra District) in columns 7 and 11 insert 0·03 and 0 15 instead of 0·30 and 0·42 res-

... Haripur and those of Haripur against Man-

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890.

**Explanation :**—(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| HISSAR. | Sirsa ... | 2·19 | ... | 0·53 | 0·19 | 0·21 | ... | 0·21 | A very poor Rabi being harvested, except on the canal, where the crop is generally good. Cattle suffering from want of water in tanks. Fodder is also getting scarce. Maulvi Abdul Ghani, Extra Assistant Commissioner, on tour for inspection of girdáwari work for 25 days and Mr. A. Williams, Assistant Commissioner, Sirsa, for 12 days. |
| | Fatahabad ... | 2·19 | ... | 0·38 | 0·62 | 0·62 | ... | 0·62 | |
| | Barwála ... | 2·28 | ... | 0·42 | 0·35 | 0·53 | ... | 0·53 | |
| | **Hissar** ... | **2·32** | ... | **0·56** | **0·32** | **0·55** | ... | **0·55** | |
| | Hánsi ... | 2·14 | ... | 0·41 | 0·33 | 0·46 | ... | 0·46 | |
| | Bhiwáni ... | 2·27 | ... | 0·45 | 0·41 | 0·54 | ... | 0·54 | |
| | Budhláda ... | ... | ... | ... | 0·43 | 0·59 | ... | 0·59 | |
| | Dhaneta (*c*) ... | ... | ... | ... | 1·21 | 1·21 | ... | 1·21 | |
| ROHTAK. | **Rohtak** ... | **2·70** | ... | **0·63** | **0·25** | **0·65** | ... | **0·65** | A passing shower in Jhajjar on the 22nd instant Jowár and wheat crops being cut and some sowings of tobacco going on in Sámpla and Gohána Tahsils. Wheat and gram crops being cut on rain lands ; those on irrigated lands not ready. Sugar-cane sowings going on in these tahsils. The Revenue Officer was 19 days out on tour during March 1890. |
| | Gohána ... | 2·86 | ... | 0·61 | 0·46 | 0·65 | ... | 0·65 | |
| | Sámpla ... | 2·71 | ... | 0·60 | ... | ... | ... | ... | |
| | Jhajjar ... | 2·50 | ... | 0·53 | 0·73 | 1·03 | ... | 1·03 | |
| GURGAON. | Farukhnagar ... | ... | ... | ... | 0·54 | 1·34 | ... | 1·34 | Baráni crops nearly all lost. Well lands fair ; in parts good. Dahri poor, except near bands, where it is fair. Fodder scarce. The Revenue Extra Assistant Commissioner was on tour during 22 days of this month. |
| | Játusána ... | ... | ... | ... | 0·30 | 0·40 | ... | 0·40 | |
| | Rewári ... | 1·97 | ... | 0·38 | 0·50 | 0·50 | ... | 0·50 | |
| | Shahjahánpur ... | ... | ... | ... | 0·95 | 0·95 | ... | 0·95 | |
| | Tauru ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Nuh ... | 2·15 | ... | 0·44 | 0·90 | 0·92 | ... | 0·92 | |
| | Fírozpur ... | 1·26 | ... | 0·27 | 0·70 | 0·70 | ... | 0·70 | |
| | Hodal ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattin ... | ... | ... | ... | 0·27 | 0·27 | ... | 0·27 | |
| | Palwal ... | 1·86 | ... | 0·43 | 0·40 | 0·40 | ... | 0·40 | |
| | Sohna ... | ... | ... | ... | 0·30 | 0·30 | ... | 0·30 | |
| | **Gurgaon** ... | **2·44** | ... | **0·55** | **0·65** | **1·19** | .. | **1·19** | |
| | Punahána ... | ... | ... | ... | 0·15 | 0·15 | ... | 0·15 | |
| DELHI. | Ballabgarh ... | 2·39 | ... | 0·56 | 0·33 | 1·18 | ... | 1·18 | Slight rain during the month. Prospects of Rabi crops on baráni lands not improved. Fodder scarce. Canal irrigation resorted to when necessary. The Revenue Extra Assistant Commissioner having been on leave, his *locum-tenens* was out in camp only for 8 days, as the latter had to take over charge of the Treasury in addition to his own Revenue duties. |
| | Mahrauli ... | ... | ... | ... | 0·45 | 0·80 | ... | 0·80 | |
| | **Sadr (Delhi)** ... | **3·01** | ... | **0·77** | **0·47** | **0·82** | ... | **0·82** | |
| | Sonepat ... | 3·10 | ... | 0·68 | 0·67 | 1·03 | ... | 1·03 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890—(continued).

**Explanation** :—(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| KARNAL. | Pánipat ... | 4·22 | ... | 0·77 | 0·66 | 0·86 | ... | 0·86 | Well crops in fair condition and also canal-irrigated plots, but interruptions of canal supply attributed to lowness of river at head and urgent demand in the Hissar District have caused some loss.<br>On unirrigated areas, except in parts of Pánipat and Kaithal Naili, there is practically no harvest. Well bullocks are overworked and fodder is very scarce and dear. Surplus stock is being removed to other grazing tracts and buffaloes are being taken away also. The Deputy Commissioner and the Revenue Extra Assistant Commissioner were on tour throughout the month. Mr Renouf, C. S., Assistant Commissioner, was on tour from 16th to the end of month. |
| | **Karnal** ... | **4·33** | ... | **0·96** | **0·75** | **1·44** | ... | **1·44** | |
| | Rajaund ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Kaithal ... | 1·95 | ... | 0·38 | ... | 0·40 | ... | 0·40 | |
| | Gula ... | ... | ... | ... | 1·33 | 1·33 | ... | 1·33 | |
| UMBALLA. | Pipli ... | 4·29 | ... | 0·94 | 0·31 | 0·65 | ... | 0·65 | Rabi crops poor owing to drought. |
| | Jagádhri ... | 5·86 | ... | 1·32 | 1·10 | 1·70 | ... | 1·70 | |
| | **Umballa** ... | **5·42** | ... | **1·08** | **1·35** | **1·40** | ... | **1·40** | |
| | Naráingarh ... | 6·37 | ... | 1·37 | 0·77 | 0·99 | ... | 0·99 | |
| | Kharar ... | 5·49 | ... | 1·15 | 2·41 | 2·71 | ... | 2·71 | |
| | Rúpar ... | 5·18 | ... | 1·06 | 2·45 | 2·88 | ... | 2·88 | |
| | Kotra (*c*) ... | ... | ... | ... | 0·35 | 0·35 | ... | 0·35 | |
| | Jodhpur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki (*c*) ... | ... | ... | ... | 0·70 | 0·70 | ... | 0·70 | |
| | Dádapur (*c*) ... | ... | ... | ... | 0·33 | 0·33 | ... | 0·33 | |
| SIMLA. | Kasauli ... | 10·75 | ... | 2·91 | 1·78 | 3·69 | ... | 3·69 | Condition of crop is fair in Kot Khái. In other parts of the district crops are still suffering for want of rain. Health of people good. |
| | Barauli ... | 8·69 | ... | 2·78 | 2·55 | 4·49 | ... | 4·49 | |
| | **Simla** ... | **11·09** | ... | **3·06** | **2·27** | **3·78** | ... | **3·78** | |
| | Kot Khái ... | 9·73 | ... | 2·88 | 1·92 | 4·20 | ... | 4·20 | |
| | Kotgarh ... | 10·63 | ... | 3·22 | 1·92 | 4·20 | ... | 4·20 | |
| | Kilba ... | ... | ... | ... | 7·90 | 15·31 | ... | 15·31 | |
| KANGRA. | Plách ... | 7·94 | ... | 1·75 | 2·20 | 5·20 | ... | 5·20 | Crops good on irrigated lands, but backward and poor elsewhere. The Revenue Officer was on tour inspecting girdáwari work during the whole month. |
| | Kulu ... | 8·90 | ... | 2·07 | 4·44 | 11·79 | ... | 11·79 | |
| | Nagar ... | 24·02 | ... | 6·20 | 3·94 | 7·74 | ... | 7·74 | |
| | Pálampur ... | 14·81 | ... | 3·64 | 4·14 | 10·29 | ... | 10·29 | |
| | Hamírpur ... | 7·86 | ... | 1·86 | 3·02 | 6·97 | ... | 6·97 | |
| | Dera ... | 9·56 | ... | 2·33 | 3·35 | 6·18 | ... | 6·18 | |
| | Kángra ... | 9·76 | ... | 2·31 | 2·05 | 5·05 | ... | 5·05 | |
| | **Dharmsala** ... | **17·14** | ... | **4·18** | **2·84** | **8·46** | ... | **8·46** | |
| | Núrpur ... | 12·69 | ... | 3·03 | 0·84 | 3·17 | ... | 3·17 | |
| HOSHIARPUR. | Dasúya ... | 6·91 | ... | 1·67 | 1·10 | 2·20 | ... | 2·20 | The rainfall shown here has saved the Rabi crops, the prospects of which were otherwise poor. In the hilly tracts of some of the tahsils, especially of Tahsíl Una, the crops are said to be still indifferent.<br>The Revenue Extra Assistant Commissioner was on tour inspecting girdáwari and diallavion work during 30 days of this month. |
| | Una ... | 6·91 | ... | 1·59 | 1·03 | 2·49 | ... | 2·49 | |
| | Garhshankar ... | 6·40 | ... | 1·47 | 0·85 | 1·53 | ... | 1·53 | |
| | **Sadr Station** ... | **6·22** | ... | **1·47** | **1·57** | **2·57** | ... | **2·57** | |
| | Hoshiárpur ... | 6·22 | ... | 1·47 | 1·68 | 2·84 | ... | 2·84 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| JULLUNDUR. | **Jullundur** ... | **4·99** | ... | **1·24** | **1·02** | **1·68** | ... | **1·68** | Crops average. Cotton sowing commenced. Sugar-cane ploughing in progress. Health of people good. The Revenue Extra Assistant Commissioner spent 30 days in camp during the month of March 1890. |
| | Nakodar ... | 5·00 | ... | 1·15 | 1·30 | 1·80 | ... | 1·80 | |
| | Phillour ... | 5·67 | ... | 1·30 | 1·84 | 2·18 | ... | 2·18 | |
| | Nawashahr ... | 5·96 | ... | 1·36 | 1·13 | 1·88 | ... | 1·88 | |
| LUDHIANA. | Samrála ... | 5·81 | ... | 1·33 | 1·28 | 1·66 | ... | 1·66 | Prospects of the Rabi crops are poor for want of rain. Rape seed crop is being harvested in the Samrála Tahsíl. Health of people good. The Revenue Extra Assistant Commissioner was out on tour during the whole of March checking girdáwári work. |
| | **Ludhiana** ... | **6·23** | ... | **1·62** | **1·93** | **2·26** | ... | **2·26** | |
| | Jagraon ... | 4·36 | ... | 1·05 | 0·51 | 0·64 | ... | 0·64 | |
| FEROZEPORE. | Moga ... | 3·88 | ... | 0·76 | 0·31 | 0·47 | ... | 0·47 | The rain during the month was but slight and only temporarily benefited the crops, which are undoubtedly very poor on the unirrigated lands, and on the Rohi tracts of the Fázilka Tahsíl are reported an almost entire failure. The crops on irrigated lands are good, but the water in the Sirhind Canals was not sufficient to meet the demand of irrigation in full. The health of the people is fair. The Revenue Extra Assistant Commissioner at the Sadr and Extra Assistant Commissioner Alimulla at Fázilka spent 16 days each on tour during the month. |
| | Zíra ... | 4·37 | ... | 0·87 | 0·63 | 1·02 | ... | 1·02 | |
| | **Ferozepore** ... | **3·82** | ... | **0·76** | **0·40** | **0·91** | ... | **0·91** | |
| | Ferozepore City ... | 3·82 | ... | 0·76 | 0·31 | 0·89 | ... | 0·89 | |
| | Muktsar ... | 2·12 | ... | 0·40 | ... | 0·08 | ... | 0·08 | |
| | Fázilka ... | 2·09 | ... | 0·47 | ... | 0·50 | ... | 0·50 | |
| | Nathána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| MOOLTAN. | Mailsi ... | 0·85 | ... | 0·26 | 0·12 | 0·12 | ... | 0·12 | Condition of crops fair. The District Revenue Extra Assistant Commissioner was in camp for 25 days during the month of March 1890. |
| | Lodhrán ... | 1·26 | ... | 0·38 | 0·07 | 0·07 | ... | 0·07 | |
| | Shujabad ... | 1·55 | ... | 0·49 | 0·32 | 0·32 | ... | 0·32 | |
| | **Mooltan** ... | **1·52** | ... | **0·48** | **0·50** | **0·50** | ... | **0·50** | |
| | Kabírwála ... | 1·44 | ... | 0·46 | 0·20 | 0·20 | ... | 0·20 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 2·16 | ... | 0·81 | 0·31 | 0·46 | ... | 0·46 | Prospects fair. Rain was needed for crops on sailáb and up lands. Hailstones have wasted 11 villages in Tahsíl Jhang. Enquiry is being made by the Tahsíldár. Fodder scarce and insufficient for cattle. Health of people good. The Revenue Officer was on tour for 27 days during this month. |
| | **Jhang** ... | **2·26** | ... | **0·83** | **0·43** | **0·55** | ... | **0·55** | |
| | Chiniot ... | 2·77 | ... | 1·01 | 1·24 | 1·53 | ... | 1·53 | |
| Montgomery. | Gugera .. | 1·70 | ... | 0·49 | 0·50 | 0·76 | ... | 0·76 | The rainfall during the month has greatly benefitted the crops, except those in the Montgomery Tahsíl, where the harvest prospects are very poor. There is some scarcity of fodder in all Tahsíls. Health of people good. Deputy Commissioner was on tour for 15 days and Revenue Extra Assistant Commissioner for 20 days in March 1890. |
| | **Montgomery** ... | **2·20** | ... | **0·55** | **0·08** | **0·50** | ... | **0·50** | |
| | Pákpattan ... | 1·70 | ... | 0·45 | 0·62 | 0·62 | ... | 0·62 | |
| | Dipálpur ... | 1·65 | ... | 0·42 | 0·50 | 0·76 | ... | 0·76 | |
| Lahore. | Van (c) .. | 2·53 | ... | 0·55 | 1·62 | 2·52 | ... | 2·52 | There were two or three very slight showers of rain during the month, insufficient to save the rain crops, but beneficial to the wheat on canal and well irrigated lands. Canal crops in parts have suffered considerably for want of sufficient water. Well crops are good, but in the hard Bet soils and in sandy lands they are mostly thin and poor. In the Hittar lands the well-cattle are in very poor condition. The zamíndárs have been using green fodder for several weeks—in some villages since the end of January. Sailáb crops in this district are mostly poor. Rape seed is being cut and gram is being reaped now. Much damage was done by a hail-storm on two villages on the Ravi. |
| | Chuniān ... | 3·35 | ... | 0·89 | 0·94 | 1·84 | ... | 1·84 | |
| | Kasúr ... | 3·28 | ... | 0·80 | 0·99 | 2·05 | ... | 2·05 | |
| | Pambe (c) .. | 2·83 | ... | 0·65 | 0·63 | 0·82 | .. | 0·82 | |
| | Sharakpur ... | 2·61 | ... | 0·62 | 0·71 | 1·27 | ... | 1·27 | |
| | Niáz Beg (c) ... | 3·77 | ... | 0·81 | 0·60 | 1·40 | ... | 1·40 | |
| | **Lahore** ... | **4·00** | ... | **1·05** | **0·56** | **1·08** | ... | **1·08** | |
| | Meean Meer (c) ... | 4·60 | ... | 0·99 | 0·40 | 1·12 | ... | 1·12 | |
| | Manihála (c) ... | 3·60 | ... | 0·77 | 1·55 | 2·17 | ... | 2·17 | |
| | Dafthu (c) ... | ... | ... | ... | 0·77 | 1·26 | ... | 1·26 | |
| Amritsar. | Buchar (c) ... | 2·86 | ... | 0·51 | 0·61 | 1·31 | ... | 1·31 | Irrigated crops fairly good. Baráni poor. Canal supply short owing to excessive demand. |
| | Khara (c) ... | 2·37 | ... | 0·80 | 2·26 | 2·83 | ... | 2·83 | |
| | Tarn Táran ... | 3·89 | ... | 0·72 | 0·75 | 1·43 | ... | 1·43 | |
| | Raya (c) ... | 3·73 | ... | 0·86 | 0·69 | 1·55 | ... | 1·55 | |
| | Jandiála (c) | 3·72 | ... | 0·76 | 0·89 | 1·61 | ... | 1·61 | |
| | Jail Hospital ... | 4·46 | ... | 0·82 | 0·71 | 1·15 | ... | 1·15 | |
| | **Amritsar Tahsil** .. | **4·46** | .. | **0·82** | **1·10** | **1·60** | ... | **1·60** | |
| | Amritsar (c) ... | ... | ... | ... | 0·75 | 1·24 | ... | 1·24 | |
| | Buggeh (c) ... | 2·89 | ... | 0·53 | 1·22 | 1·62 | ... | 1·62 | |
| | Ajnála ... | 3·48 | ... | 0·66 | 1·06 | 1·43 | ... | 1·43 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890 – (continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (*c*) ... | 6·10 | ... | 1·48 | 0·53 | 1·01 | ... | 1·01 | The condition of the crops on irrigated lands fair. On baráni lands, especially in Shakargarh, there has been a failure, which is in places almost total. Health of people good. Settlement Collector was on tour for 27 days and Extra Assistant Settlement Officer for 21 days during the month. |
| | Batála ... | 5·91 | ... | 1·34 | 0·73 | 1·16 | ... | 1·16 | |
| | Kaler (*c*) ... | 7·49 | ... | 1·74 | 0·34 | 1·84 | ... | 1·84 | |
| | Tibri (*c*) ... | 7·18 | ... | 1·67 | 0·75 | 1·15 | ... | 1·15 | |
| | **Gurdaspur** ... | **6·55** | ... | **1·53** | **1·10** | **2·07** | ... | **2·07** | |
| | Bhimpur (*c*) ... | 9·62 | ... | 2·17 | 0·90 | 2·04 | ... | 2·04 | |
| | Pathánkot ... | 8·59 | ... | 1·96 | 1·05 | 2·78 | ... | 2·78 | |
| | Dalhousie ... | 11·36 | ... | 3·00 | 3·85 | 7·77 | ... | 7·77 | |
| | Mádhopur (*c*) ... | 10·14 | ... | 2·35 | 1·24 | 2·45 | ... | 2·45 | |
| | Shakargarh ... | 8·52 | ... | 1·94 | 1·30 | 2·00 | ... | 2·00 | |
| SIALKOT. | Zafarwál ... | 6·62 | ... | 1·59 | 0·71 | 1·40 | ... | 1·40 | Crops on unirrigated lands suffering from want of rain. Cattle also suffering from scarcity of fodder and from hard work. Health of people is good. The Settlement Collector was in camp for 10 days. The Revenue Assistant for 24 days during the month. |
| | Pasrúr ... | 5·98 | ... | 1·49 | 0·63 | 1·38 | ... | 1·38 | |
| | Raya ... | 3·63 | ... | 0·92 | 0·62 | 1·05 | ... | 1·05 | |
| | Daska ... | 5·29 | ... | 1·27 | 0·99 | 1·69 | ... | 1·69 | |
| | **Sialkot** ... | **6·71** | ... | **1·84** | **0·63** | **2·26** | ... | **2·26** | |
| GUJRAT. | **Sadr** ... | **7·20** | ... | **2·32** | **0·96** | **1·51** | ... | **1·51** | In the southern portion of Tahsíl Phália, where there was a local storm, crops are fair. The remainder are poor. In Tahsíls Gujrát and Khárián on high baráni lands crops are poor and in many places withered. On low-lying lands and lands affected by hill torrents crops are short and thin, but the grain is good. Extra Rabi crops have only been sown on irrigated land. There has not been sufficient rain for cotton sowings. Health of people good. Settlement Collector was in camp for 27 days and Settlement Extra Assistant Commissioner for 20 days during the month. |
| | Gujrát ... | 7·20 | ... | 2·32 | 0·86 | 1·43 | ... | 1·43 | |
| | Khárián ... | 7·81 | ... | 2·47 | 0·91 | 1·81 | ... | 1·81 | |
| | Phália ... | 5·39 | ... | 1·78 | 1·70 | 2·23 | ... | 2·23 | |
| GUJRANWALA. | Rámnagar ... | 4·29 | ... | 1·75 | 1·64 | 1·64 | ... | 1·64 | Rain fell twice during the month and has done much to improve the crop on well lands, but was not sufficient to keep the baráni crops from withering. The wheat on well lands is in fair condition but the inferior crop, barley, gram, &c., have failed largely on well lands and almost completely on baráni lands. The extra Rabi is being sown and ploughings have been begun for the Kharif on well and canal lands. The barley is being reaped in Háfizabad Tahsíl. The Revenue Extra Assistant Commissioner was on tour 29 days during the month. |
| | Wazirabad ... | 5·55 | ... | 1·33 | 0·90 | 1·40 | ... | 1·40 | |
| | **Sadr Kacheri** ... | **5·24** | ... | **1·23** | **1·36** | **2·86** | ... | **2·86** | |
| | Shekhupura ... | 2·26 | ... | 0·49 | 0·90 | 0·90 | ... | 0·90 | |
| | Háfizabad ... | 4·07 | ... | 0·96 | 1·20 | 1·35 | ... | 1·35 | |
| | Meluana (*c*) ... | ... | ... | ... | 0·70 | 0·90 | ... | 0·90 | |
| | Shahkot (*c*) ... | ... | ... | ... | 1·10 | 1·80 | ... | 1·80 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890.—(continued)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | ... | 0·20 | 1·51 | 1·68 | ... | 1·68 | There has been a little rain all over the district, which has done some good to the Rabi crops. The irrigated crops, especially in the river valleys, will be nearly up to the average, but the unirrigated crops everywhere, and especially in the Salt Range, will be much below average. Prices are steady at 19 seers for wheat. Locusts passed over the district doing no damage. A few villages have suffered from hail-storms. Fodder still sufficient. Health good. The poppy crop is good and selling well. The District Revenue Officer spent 11 days in camp during the month of March 1890. |
| | Sahiwál ... | 2·74 | ... | 0·55 | 0·61 | 0·81 | ... | 0·81 | |
| | Núrpur ... | 1·23 | ... | 0·10 | 0·73 | 0·73 | ... | 0·73 | |
| | Mitha Tiwána ... | 2·75 | ... | 0·67 | 0·40 | 0·40 | ... | 0·40 | |
| | Sakesar ... | 2·31 | ... | 0·53 | 0·60 | 0·60 | ... | 0·60 | |
| | Naushahra ... | 3·45 | ... | 0·85 | 1·00 | 1·50 | ... | 1·50 | |
| | Khusháb ... | 2·56 | ... | 0·61 | 0·61 | 1·02 | ... | 1·02 | |
| | **Shahpur** ... | **3·58** | ... | **0·89** | **0·78** | **1·03** | ... | **1·03** | |
| | Bhera ... | 3·60 | ... | 0·84 | 0·29 | 0·44 | ... | 0·44 | |
| | Miáni ... | 5·03 | ... | 1·10 | 1·40 | 1·60 | ... | 1·60 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | ... | 1·10 | 1·56 | 1·76 | ... | 1·76 | About half of the Rabi crops in upland tracts have dried up, but fair in the river tracts. Flight of locusts were seen in parts of the district, but no damage is reported to have been done by them. In Tahsil Pind Dádan Khan and Chakwál hail-stones fell, but no damage was done worth mentioning. Health of people good. No inundation in the river: the river is daily rising. The Revenue Extra Assistant Commissioner spent 14 days on tour during the month. |
| | **Sadr Station** ... | **6·03** | ... | **1·60** | **0·97** | **1·69** | .. | **1·69** | |
| | Chakwál ... | 4·13 | ... | 1·02 | 1·17 | 1·81 | ... | 1·81 | |
| | Talagang ... | 4·80 | ... | 1·28 | 1·32 | 1·66 | ... | 1·66 | |
| Rawalpindi. | Pindigheb ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Fatahjang ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Rawalpindi** ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree ... | ... | ... | ... | ... | ... | ... | ... | |
| Hazára. | **Abbott-abad** ... | **15·31** | ... | **4·32** | **2·36** | **6·82** | ... | **6·82** | Rain wanted for Rabi crops on unirrigated tracts of Haripur and for Kharif sowings. Standing. Rabi crops average, Sarshaf crops being cut in Haripur. Prices stationary. Locusts coming and going between Amb and Ráwalpindi. Harm only done to wheat and sarshaf in Torbeyla to a small extent. The girdáwari begins in Hazára from 1st April, but Revenue Extra Assistant Commissioner spent 9 days on tour in March 1890. |
| | Mansáhra ... | 12·76 | ... | 3·70 | 1·93 | 6·60 | ... | 6·60 | |
| | Haripur ... | 10·95 | ... | 3·05 | 2·11 | 3·61 | ... | 3·61 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 6·86 | ... | 1·66 | 1·61 | 5·43 | ... | 5·43 | Sugar-cane cultivation in the Hashtnagar Tahsíl is nearly finished, and that in the Doába Daudzai has been commenced. The rain during the month has somewhat improved the condition of the standing crops. Baráni crops have failed. There were hail-storms in both the Mardán and Utmán Bolak Tahsíls, but they did little harm to the crops. Locusts passed through the district, but did no damage. If they have laid eggs, danger is anticipated. Arrangements are on foot for their destruction. Health fair. The Revenue Extra Assistant Commissioner was 18 days on tour during the month. |
| | Lahore (Utmán Bolak) | 8·95 | ... | 1·80 | 1·40 | 1·90 | ... | 1·90 | |
| | Naushahra ... | 7·40 | ... | 1·82 | 2·15 | 3·93 | ... | 3·93 | |
| | Mardán ... | 9·48 | ... | 2·56 | 2·61 | 3·72 | ... | 3·72 | |
| | Katlang ... | 7·43 | ... | 1·77 | 1·47 | 4·07 | ... | 4·07 | |
| | Hashtnagar ... | 6·00 | ... | 1·37 | 1·33 | 1·53 | ... | 1·53 | |
| | Doáb Daudzai | 6·92 | ... | 1·86 | 1·50 | 2·00 | ... | 2·00 | |
| | **Peshawar** ... | **5·82** | ... | **1·65** | **0·90** | **1·66** | ... | **1·66** | |
| Kohat. | **Kohat** ... | **6·48** | ... | **1·89** | **2·31** | **3·38** | ... | **3·38** | The rain which fell during the month was just in time to save the crops on unirrigated lands from entire failure. It did much good to the crops on irrigated lands, which are expected to yield an average crop. There have been some hail-storms in a few villages during the month, but they have done very little damage to the standing crops. There is sufficient water in Toi and springs. Munshi Muhammad Azim Khán, the Revenue Extra Assistant Commissioner, spent 27 days on tour during the month for inspecting the Rabi girdáwari. |
| | Hangu ... | ... | ... | ... | 1·80 | 2·70 | ... | 2·70 | |
| | Thal ... | ... | ... | ... | 0·64 | 2·00 | ... | 2·00 | |
| | Karak ... | ... | ... | ... | 0·53 | 2·46 | ... | 2·46 | |
| Bannu. | Miáuwáli ... | 2·95 | ... | 1·00 | 0·08 | 0·38 | ... | 0·38 | Crops good; injured somewhere by hail. Health of people good. Prices of wheat high,—22 seers per rupee. Assistant Commissioner spent 15 days in inspecting girdáwari work. Revenue Extra Assistant Commissioner deputed on special duty for acquisition of lands in connection with Miánwáli-Mari Railway. Water in canals defficient in Tahsíl Bannu. |
| | Isa Khel ... | 3·13 | ... | 0·95 | 1·58 | 2·18 | ... | 2·18 | |
| | **Bannu** ... | **3·79** | ... | **1·31** | **1·14** | **2·27** | ... | **2·27** | |
| | Marwat ... | 4·72 | ... | 1·70 | 1·28 | 3·98 | ... | 3·98 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·45 | ... | 0·30 | 0·10 | 0·97 | ... | 0·97 | Crops suffering. Health of people fair. Fodder supply decreasing. Crops slightly damaged by hail in Dera Ismail Khan Tahsíl. The Revenue Extra Assistant Commissioner was on tour throughout the month of March. |
| | Kuláchi ... | 2·26 | ... | 0·62 | 0·33 | 0·98 | ... | 0·98 | |
| | **Dera I. Khan** ... | **2·52** | ... | **0·82** | **0·14** | **0·52** | ... | **0·52** | |
| | Bhakkar ... | 2·98 | ... | 0·54 | 0·46 | 0·65 | ... | 0·65 | |
| | Leiah ... | 1·74 | ... | 0·50 | 0·01 | 0·01 | ... | 0·01 | |
| D. G. Khan. | Sangarh ... | 1·42 | ... | 0·50 | 0·30 | 0·30 | ... | 0·30 | Owing to want of rain the rabi crop is anticipated to be an average one. No hill torrents. Canals are dry. The Revenue Extra Assistant Commissioner was on tour for 14 days during the month. |
| | **Dera G. Khan** ... | **1·86** | ... | **0·70** | **0·46** | **0·46** | ... | **0·46** | |
| | Fort Munro ... | 0·92 | ... | 0·30 | ... | ... | ... | ... | |
| | Jámpur ... | 1·88 | ... | 0·49 | 0·69 | 0·69 | ... | 0·69 | |
| | Rájanpur ... | 3·24 | ... | 1·26 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 2·30 | ... | 0·66 | 0·10 | 0·10 | ... | 0·10 | Condition of crops generally good; where irrigated by well, splendid, but in other places indifferent for want of rain and on account of excessive cold. There was a shower of hail in Mauza Bosan, but no damages. Health of people good. |
| | **Muzaffargarh** ... | **1·37** | ... | **0·40** | **0·61** | **0·61** | ... | **0·61** | Condition of crops fair. Health of people generally good. |
| | Sinánwán ... | 1·28 | ... | 0·40 | 0·89 | 1·19 | ... | 1·19 | Crops good. Health of people good. There was a moderate rainfall in the district, which has proved beneficial generally to all other than the sailába crops. Deputy Commissioner was in camp for 10 days and the Revenue Extra Assistant Commissioner for 24 days during the month. |

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

### Memo. of Errors to the Agriculture Prospect Report for the month of February 1890.

Against *Gohána* (*Rohtak District*)—insert in Column 6-0·09 and in Columns 7 and 9 *for* 0·10 *read* "0·19" respectively.

Against *Pálampur* (*Kángra District*)—in Columns 6, 7 and 9 insert 3·05, 6·15 and 6·15 instead of 3·32, 6·42 and 6·42 respectively.

Against *Kahúta* (*Ráwalpindi District*)—in Columns 6, 7 and 9 insert 0·37, 1·27 and 1·27 instead of 1·37, 2·27 and 2·27 respectively.

Against *Mansahra* (*Hazára District*)—in columns 6, 7 and 9 insert 1·38, 4·67 and 4·67 instead of 0·96, 4·25 and 4·25 respectively.

Against *Haripur* (*Hazára District*)—in Columns 6, 7 and 9 insert 0·30, 1·50 and 1·50 instead of 0·72, 1·92 and 1·92 respectively.

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during March 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **PERENNIAL CANALS.** | | | | |
| Swat River Canal ... ... ... ... | 6·5 | 4·9 | 720 | 534 |
| Total Swat River Canal ... ... | ... | ... | 720 | 534 |
| Corresponding period of last year ... | ... | ... | 720 | 300 |
| **Western Jumna Canal.** | | | | |
| Main Line Rájbahas ... ... ... ... ... | ... | ... | 2,557 | 203 |
| Hánsi Branch ... ... ... ... ... ... | 7·0 | ... | | 732 |
| Delhi Branch ... ... ... ... ... ... | 7·0 | 4·7 | | 613 |
| Passed through Escapes ... ... ... ... ... | ... | ... | | 187 |
| Loss by absorption ... ... ... ... ... | ... | ... | | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 1,735 |
| Corresponding period of last year ... | ... | ... | 2,546 | 1,655 |
| **Bari Doab Canal.** | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 3·45 | 3,074 | 608 |
| 2nd " Main Branch Lower ... ... ... ... | 4·6 | 2·32 | | 726 |
| " " Lahore Branch ... ... ... ... | 3·0 | 1·55 | | 279 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 1,613 |
| Corresponding period of last year ... | ... | ... | 3,074 | 1,637 |
| **Sirhind Canal.** | | | | |
| Main Line ... ... ... ... ... ... | 5·92 | 6·27 | 3,000 | 3,301 |
| Abohar Branch ... ... ... ... ... | 4·12 | 4·55 | 1,020 | 1,460 |
| Bhatinda Branch ... ... ... ... ... | 4·84 | 3·76 | 900 | 857 |
| Feeders ... ... ... ... ... | 5·29 | 4·1 | 1,080 | 984 |
| British Escapes ... ... ... ... ... | .. | ... | ... | ... |
| Total Sirhind Canal ... ... | ... | ... | 3,000 | 3,301 |
| Corresponding period of last year ... | ... | ... | 3,000 | 3,972 |
| Chenab Canal ... ... ... ... ... ... | 7·0 | 2·56 | 1,800 | 313·80 |
| Corresponding period of last year ... | ... | ... | ... | ... |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **INUNDATION CANALS.** | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1889-90 *up to* 31*st March* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years in which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Peshâwar .. | 64,886 | 9 | 1·75 | 2·15 | Wheat ... | 39,875 | It is probable that the total area irrigated will be a little less than the total of last year, as nearly the whole crop has been finally measured. |
| | | | | | Barley ... | 13,587 | |
| | | | | | Mixed-grain | 9,962 | |
| | | | | | Miscellaneous | 1,462 | |
| ... | 64,886 | ... | ... | ... | ... | 64,886 | |
| ... | 61,835 | .. | ... | ... | ... | 61,835 | |
| Umballa ... | 982 | 20 | 0·39 | 0·55 | Wheat .. | 143.707 | The discharge of the River Jumna below Hathni Kund was 2,296 cubic feet on the 1st March 1890. The demand for water was very keen. The area irrigated during this crop is very satisfactory. |
| Karnál .. | 58,104 | | 0·62 | 0·75 | Barley ... | 1,484 | |
| Rohtak ... | 53,350 | | 0·52 | 0·10 | Mixed-grain | 20,467 | |
| Delhi ... | 42,183 | | 0·34 | 0·14 | Others ... | 32,105 | |
| Hissar ... | 42,338 | | 0·45 | ... | | | |
| Bikaner ... | 293 | ... | ... | ... | | | |
| Kalsia ... | 513 | ... | ... | ... | | | |
| ... | 197,763 | ... | ... | ... | ... | 197,763 | |
| ... | 101,099 | ... | ... | ... | ... | 101,099 | |
| Gurdáspur ... | 9.508 | 11 | 1·9 | 0·75 | Wheat ... | 164,421 | The Bári Doáb Canal ran during the whole month. The demand was far in excess of the supply; but, on the whole, the crops irrigated by the canal are doing very well. The rainfall was much below the average. The area irrigated up to date is 12,015 acres in excess of the best on record (1886). |
| Amritsar ... | 115,908 | 8 | 1·56 | 0·25 | Barley ... | 2,536 | |
| Lahore ... | 185,862 | 8 | 1·27 | 0·24 | Mixed-grain | 8,107 | |
| | | | | | Miscellaneous | 136,314 | |
| ... | 311,378 | ... | ... | ... | ... | 311,378 | |
| .. | 288,284 | ... | ... | ... | ... | 288,284 | |
| Ludhiána ... | 46,831 | 8 | 0·67 | 1·04 | Wheat ... | 192,461 | The discharge of the River Sutlej at Rúpar gradually fell to 2891 cubic feet on the 1st April 1890. There was an increase of 4295 acres during the month. The area irrigated during the rabi has been most satisfactory. |
| Ferozepore ... | 226,397 | | 0·29 | 0·31 | Barley ... | 6,124 | |
| Hissar ... | 2,446 | 20 | 0·45 | 0·11 | Mixed-grain | 6,493 | |
| Farídkot ... | 51,842 | ... | ... | ... | Others ... | 185,683 | |
| Patiála ... | 42,606 | ... | ... | ... | | | |
| Nábha ... | 17,629 | ... | ... | ... | | | |
| Jínd ... | 739 | ... | ... | ... | | | |
| Kalsia ... | 2,271 | ... | | | | | |
| ... | 390,761 | ... | ... | ... | ... | 390,761 | |
| ... | 329,069 | ... | ... | ... | ... | 329,069 | |
| Gujránwála ... | 11,419 | 5 | 0·88 | 1·16 | Wheat ... | 7,654 | A little new irrigation picked up by opening the Udoki Rájbaha. The river bund is intact. |
| | | | | | Barley ... | 1,868 | |
| | | | | | Mixed-grain | 125 | |
| | | | | | Miscellaneous | 1,772 | |
| | | | | | | 11,419 | |
| ... | 18,988 | ... | ... | ... | ... | 18,988 | |
| ... | 976,207 | ... | ... | ... | ... | 976,207 | |
| ... | 799,275 | ... | ... | ... | ... | 799,275 | |
| Montgomery ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 25,459 | ... | ... | ... | ... | 25,459 | |

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during March 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **INUNDATION CANALS—concluded.** | | | | |
| **Sidhnai Canal** ... ... ... ... ... ... | 6 | ... | 1,072 | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| **Upper Sutlej Canals** ... ... ... ... ... | ... | ... | ... | ... |
| **Lower Sutlej and Chenab Canals** ... ... ... ... | ... | ... | ... | ... |
| **Indus Canals** ... ... ... ... ... ... | ... | ... | ... | ... |
| **Muzaffargarh** ... ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | |
| **Perennial Canals.** | | | | |
| **Swat River Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Western Jumna Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Bári Doáb Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Sirhind Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Chenab Canal** ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| **Inundation Canals.** | | | | |
| **Lower Sohág Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Sidhnai Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Upper Sutlej** ... ... ... ... ... | ... | ... | ... | ... |
| **Lower Sutlej and Chenab** ... ... ... ... ... | ... | ... | ... | ... |
| **Indus** ... ... ... ... ... | ... | ... | ... | ... |
| **Muzaffargarh** ... ... ... ... ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

**Lahore:**
*The* **15th** *April* **1890.**

*of* 1889-90 *up to* 31*st March* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | Remarks. |
| Mooltan ... | 38,133 | ... | ... | ... | Wheat ...<br>Miscellaneous | 34,619<br>3,514 | The canal has not yet begun to flow. The rainfall of 22nd did some good on the Upper Rájbahas, but its effect did not extend to the tail of the canal. Only wheat on well land and on exceptionally good soil will now ripen; this will probably not exceed half the total area sown. |
| | | | | | | 38,133 | |
| ... | 53,122 | ... | ... | ... | ... | 53,122 | |
| Lahore ... | 19,743 | 8 | 0·25 | 0·75 | ... | 19,743 | |
| Montgomery... | 35,551 | ... | ... | ... | ... | 35,551 | |
| Mooltan ... | 248,912 | 26 | 0·33 | 0·25 | ... | 248,912 | |
| Dera Gházi Khan | 41,124 | 10 | 0·38 | 0·46 | ... | 41,124 | |
| Muzaffargarh ... | 157,239 | 5 | ... | ... | ... | 157,239 | |
| ... | 566,071 | ... | ... | ... | ... | 566,071 | On the Inundation Canals there is an increase of 65,087 acres as compared with the corresponding period of the previous year. |
| ... | 500,984 | ... | ... | ... | ... | 500,984 | |
| ... | 64,886 | ... | ... | ... | ... | 64,886 | |
| ... | 197,763 | ... | ... | ... | ... | 197,763 | |
| ... | 311,378 | .. | ... | ... | ... | 311,378 | |
| ... | 390,761 | ... | ... | ... | ... | 390,761 | |
| ... | 11,419 | ... | ... | ... | ... | 11,419 | |
| ... | 976,207 | ... | ... | ... | ... | 976,207 | |
| ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| ... | 38,133 | ... | ... | ... | ... | 38,133 | |
| ... | 55,294 | ... | ... | ... | ... | 55,294 | |
| ... | 248,912 | ... | ... | ... | ... | 248,912 | |
| ... | 41,124 | ... | ... | ... | ... | 41,124 | |
| ... | 157,239 | ... | ... | ... | ... | 157,239 | |
| ... | 566,071 | ... | ... | ... | ... | 566,071 | |
| ... | 1,542,278 | ... | ... | ... | ... | 1,542,278 | |
| ... | 1,300,259 | ... | ... | ... | ... | 1,300,259 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

**WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 22nd MARCH 1890.**

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 2 | 4 | 7 | 5 | 2 | ... | ... | 5 | 1 | ... | 1 | ... | ... | ... | 15 | 26 |
| 2 | | Hansi ... | 12,656 | 5 | 3 | 8 | 9 | 5 | 4 | ... | ... | 5 | ... | ... | 4 | 1 | 1 | 2 | 33 | 37 |
| 3 | | Bhiwani ... | 33,762 | 15 | 5 | 20 | 27 | 15 | 12 | ... | ... | 8 | 1 | ... | 18 | 2 | 1 | 3 | 31 | 42 |
| 4 | | Sirsa ... | 12,292 | 7 | 4 | 11 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | 2 | 1 | 3 | 47 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | ... | 6 | 5 | 4 | 1 | ... | ... | 1 | ... | ... | 4 | 3 | 1 | 4 | 20 | 17 |
| 6 | | Jhajjar ... | 11,650 | 4 | 3 | 7 | 6 | 3 | 3 | ... | ... | 1 | 1 | ... | 4 | 2 | 1 | 3 | 31 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 7 | 7 | 14 | 4 | 2 | 2 | ... | ... | 3 | 1 | ... | ... | ... | ... | ... | 30 | 8 |
| 8 | | Palwal ... | 10,635 | 4 | 5 | 9 | 6 | 4 | 2 | ... | ... | 4 | ... | ... | 2 | ... | ... | ... | 44 | 29 |
| 9 | Delhi ... | Delhi ... | 117,363 | 38 | 56 | 94 | 122 | 66 | 56 | ... | 1 | 79 | 3 | 1 | 38 | 17 | 16 | 33 | 42 | 54 |
| 10 | | " Suburbs ... | 52,882 | 11 | 10 | 21 | 27 | 13 | 14 | ... | ... | 20 | 1 | ... | 6 | ... | ... | ... | 21 | 27 |
| 11 | | Sonepat ... | 13,077 | 2 | 4 | 6 | 10 | 7 | 3 | ... | ... | 9 | ... | ... | 1 | 1 | ... | 1 | 24 | 40 |
| 12 | Karnal ... | Karnal ... | 23,133 | 5 | 10 | 15 | 20 | 8 | 12 | ... | 4 | 5 | ... | ... | 11 | 2 | 3 | 5 | 34 | 45 |
| 13 | | Kaithal ... | 14,754 | 1 | 7 | 8 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | 1 | 1 | 2 | 28 | 21 |
| 14 | | Panipat ... | 26,572 | 4 | 5 | 9 | 16 | 7 | 9 | ... | 2 | 9 | ... | ... | 5 | 2 | 1 | 3 | 18 | 31 |
| 15 | Umballa ... | Umballa ... | 26,777 | 5 | 7 | 12 | 26 | 16 | 10 | ... | ... | 15 | 3 | ... | 8 | 4 | ... | 4 | 23 | 51 |
| 16 | | Jagadhri ... | 12,300 | 1 | 1 | 2 | 3 | 2 | 1 | ... | ... | 1 | ... | ... | 2 | 1 | ... | 1 | 8 | 13 |
| 17 | | Shahabad ... | 10,218 | 3 | 3 | 6 | 10 | 6 | 4 | ... | ... | 7 | ... | ... | 3 | 1 | 1 | 2 | 31 | 51 |
| 18 | | Sadhaura ... | 10,794 | 5 | 7 | 12 | 6 | 2 | 4 | ... | ... | 4 | 1 | ... | 1 | ... | 1 | 1 | 58 | 29 |
| 19 | | Rupar ... | 10,326 | 2 | 1 | 3 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | 1 | ... | 1 | 15 | 10 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 3 | 7 | 10 | 6 | 4 | 2 | ... | ... | 2 | ... | ... | 4 | 3 | ... | 3 | 39 | 24 |
| 21 | | Tanda and Urmar ... | 10,295 | 2 | 1 | 3 | 7 | 2 | 5 | ... | ... | 6 | ... | ... | 1 | ... | 2 | 2 | 15 | 35 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 9 | 18 | 27 | 40 | 21 | 19 | ... | ... | 15 | 1 | ... | 24 | 4 | 3 | 7 | 45 | 67 |
| 23 | | " Suburbs ... | 11,474 | 6 | 5 | 11 | 2 | 2 | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | 50 | 9 |
| 24 | | Rahon ... | 11,736 | 7 | 3 | 10 | 3 | 3 | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 44 | 13 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 13 | 13 | 26 | 21 | 10 | 11 | ... | 2 | 12 | ... | 1 | 6 | 2 | 3 | 5 | 31 | 25 |
| 26 | | Jagraon ... | 16,873 | 3 | 3 | 6 | 13 | 9 | 4 | ... | ... | 4 | ... | ... | 9 | 6 | 1 | 7 | 19 | 40 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 9 | 6 | 15 | 12 | 5 | 7 | ... | ... | 9 | 1 | ... | 2 | ... | 2 | 2 | 37 | 30 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 7 | 6 | 13 | 13 | 6 | 7 | ... | ... | 4 | 1 | ... | 8 | 4 | 2 | 6 | 21 | 21 |
| 29 | | " Suburbs ... | 25,593 | 4 | 6 | 10 | 17 | 12 | 5 | ... | ... | 8 | 1 | ... | 8 | 3 | 2 | 5 | 20 | 35 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 1 | 6 | 4 | 2 | 2 | ... | ... | 1 | 1 | ... | 2 | 2 | ... | 2 | 25 | 16 |
| 31 | | Chiniot ... | 10,731 | 2 | 1 | 3 | 7 | 4 | 3 | ... | ... | 3 | ... | ... | 4 | 1 | 1 | 2 | 14 | 34 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Causes of Death. Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 36 | 24 | 60 | 81 | 38 | 43 | ... | ... | 50 | ... | ... | 31 | 11 | 6 | 17 | 32 | 43 |
| 33 | | " Suburbs ... | 41,670 | 6 | 3 | 9 | 28 | 19 | 9 | ... | ... | 14 | 1 | ... | 13 | 2 | ... | 2 | 11 | 35 |
| 34 | | Kasur ... | 17,336 | 5 | 3 | 8 | 5 | 3 | 2 | ... | ... | 4 | ... | ... | 1 | ... | 1 | 1 | 24 | 15 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 42 | 34 | 76 | 149 | 79 | 70 | ... | ... | 50 | 3 | ... | 96 | 17 | 16 | 33 | 27 | 54 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 11 | 11 | 22 | 14 | 7 | 7 | ... | ... | 9 | ... | ... | 5 | ... | 2 | 2 | 47 | 30 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 11 | 8 | 19 | 36 | 22 | 14 | ... | 2 | 10 | ... | ... | 24 | 3 | 1 | 4 | 29 | 55 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 11 | 3 | 14 | 8 | 4 | 4 | ... | 1 | 3 | ... | ... | 4 | 1 | ... | 1 | 39 | 22 |
| 39 | | Jalalpur ... | 12,839 | 4 | 4 | 8 | 10 | 5 | 5 | ... | ... | 6 | ... | ... | 4 | 1 | 2 | 3 | 32 | 41 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 9 | 8 | 17 | 19 | 6 | 13 | ... | 1 | 7 | 1 | ... | 10 | 2 | 2 | 4 | 39 | 43 |
| 41 | | Wazirabad ... | 16,462 | 5 | 4 | 9 | 14 | 8 | 6 | ... | ... | 11 | ... | ... | 3 | 2 | 1 | 3 | 29 | 44 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 7 | 4 | 11 | 14 | 10 | 4 | ... | ... | 9 | ... | ... | 5 | 4 | 2 | 6 | 38 | 48 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 8 | 6 | 2 | ... | 2 | 5 | 1 | ... | ... | 1 | ... | 1 | 9 | 25 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 7 | 13 | 10 | 7 | 3 | ... | ... | 5 | 3 | ... | 2 | 1 | ... | 1 | 41 | 31 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 12 | 11 | 23 | 25 | 17 | 8 | ... | 1 | 14 | 5 | ... | 5 | ... | 2 | 2 | 43 | 47 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 18 | 39 | 37 | 22 | 15 | ... | 1 | 21 | ... | ... | 15 | 5 | 6 | 11 | 34 | 33 |
| 47 | Kohat ... | Kohat ... | 13,490 | 8 | 7 | 15 | 7 | 3 | 4 | ... | ... | 3 | ... | ... | 4 | 1 | 1 | 2 | 58 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 2 | 3 | 5 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | 14 | 11 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 2 | 3 | 5 | 5 | 3 | 2 | ... | ... | 4 | ... | ... | 1 | 1 | 1 | 2 | 13 | 13 |
| Birth and death rate of London for the week ending 1st March 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·2 | 21·3 |
| | | GRAND TOTAL ... | 1,311,330 | 397 | 366 | 763 | 938 | 515 | 423 | ... | 17 | 479 | 31 | 2 | 409 | 117 | 87 | 204 | 30 | 37 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| Simla ... | | ... | 12,305 | 1 | 1 | 2 | 10 | 7 | 3 | ... | ... | 2 | ... | 1 | 7 | ... | ... | ... | 8 | 42 |
| Dharmsala | | ... | 3,839 | 3 | ... | 3 | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | 1 | 2 | 3 | 41 | 41 |
| Dalhousie | | ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree | | ... | 2,489 | ... | ... | ... | 2 | 1 | 1 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 42 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 14th April* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 22nd March 1890.*

*General Results.*—The total deaths registered from all causes in the Province were 10,664 against 11,134 in the previous week and 7,743 in the corresponding week of the past year, giving respectively an annual death-rate of 29·5, 30·8 and 21·4 per 1,000 of population.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 247 deaths were registered against 258 in the previous week and 152 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,501 deaths against 7,794 in the previous week and 5,108 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 208 deaths against 236 and 219.

*Chest disease.*—Seven hundred and twenty-eight against 712 and 563.

*Snake-bite.*—*Nil* against 0 and 7.

*Hydrophobia.*—One against 1 and 3

*All other causes.*—One thousand nine hundred and seventy-nine against 2,133 in the previous week and 1,690 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand five hundred and forty-nine deaths were registered in the Province amongst infants under one year of age, of which number 1,393 were males and 1,156 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 938 deaths were registered (515 males and 423 females), giving a death-rate of 37 per mille of population; 763 births were registered (397 males and 366 females), giving a birth-rate of 30 per mille of population.

LAHORE:
*The 14th April 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—17-4-90—690.

No. 17 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

*Published by Authority.*

LAHORE, THURSDAY, APRIL 24, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 22nd APRIL 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Scarce. | Rising. | Crops harvesting. | ... |
| 2 | Delhi ... | 0·06 | Do. | Stationary. | Reapings progressing. | ... |
| 3 | Umballa ... | ... | Do. | Do. | Threshing of crops in progress. Prospects poor. | ... |
| 4 | Jullundur ... | ... | Insufficient. | Do. | Reapings commenced. | Cotton sowings in progress. |
| 5 | Ferozepore ... | 0·10 at Sadr ... 0·21 in City. 0·19 in Moga. 0·46 in Zira. | Sufficient. | Do. | Threshings commencing; yield expected about average. | ... |
| 6 | Amritsar ... | 0·22 average ... | Do. | Do. | Crops being harvested. Extra rabi sowings commenced. No complaint against canal working. | ... |
| 7 | Siálkot ... | ... | ... | Do. | Rabi harvest being cut. | Sowing of cotton and sugar-cane continue. |
| 8 | Lahore ... | 0·59 accompanied with hail at Sadr. 0·25 at Kasúr. | Scarce in dry tracts. | Rising at Lahore; falling at Sharakpur; stationary elsewhere. | Reapings going on. Outturn on baráni inferior; elsewhere average. Crops in Tahsil Sharakpur very poor. No damage done to crops by the fall of hail. | Ploughings in progress. |
| 9 | Mooltan ... | ... | Insufficient in the interior of the district. | Stationary. | Cutting of rabi crops commenced. | |
| 10 | Ráwalpindi ... | 0·17 at Ráwalpindi. 0·18 in Fátahjang. 0·60 in Gujar Khan. 0·20 in Murree. | Sufficient. | Rising. | Crops being reaped. | ... |
| 11 | Shahpur ... | ... | Do. | Almost stationary. | Expected outturn below average. | ... |
| 12 | D. I. Khan ... | ... | On average. | Stationary. | Reapings in progress. Crops damaged by hail in the Leiah and Kulachi Tahsils. Extra rabi flourishing. | ... |
| 13 | Peshâwar ... | 0·25 | Sufficient. | Do. | Prospects of crops average on âbi lands. Baráni crops in bad condition. | Sowings commenced on âbi lands. No sowings on baráni. |

*GENERAL REMARKS.*

Slight rain in Delhi, Ferozepore, Amritsar, Lahore, Ráwalpindi and Peshâwar. Prices rising in Hissar and Ráwalpindi, fluctuaitng
in Lahore, and stationary elsewhere. Harvesting of rabi crops in progress; kharif sowings going on in Jullundur, Siálkot, Lahore and Dera Ismail
Peshâwar. Prospects of crops average on irrigated lands, but poor elsewhere. Fall of hailstones damaged the crops in
Khan. Fodder sufficient in Ferozepore, Amritsar, Ráwalpindi, Shahpur, Dera Ismail Khan and Peshâwar; scarce elsewhere.

TULSI DAS, *Offg. Supdt.,*

***Office of Director of Land Records and Agriculture, Punjab.***

# SUMMARY OF METEOROLOGICAL CONDITIONS

# PREVAILING OVER THE PUNJAB

# DURING MARCH 1890.

TABLE A,

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, March 1890. | Normal direction and force, March. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | Humidity. | Vapour tension. | Amount of cloud : 10 = overcast. |
| Delhi ... | 29·875 | — 017 | N. 35° W. 3 | N. 62° W. 4 | 66·6 | 86·5 | — 2·4 | 62·0 | — 0·5 | — 1·5 | 52 | ·332 | 5 |
| Sirsa ... | 29·857 | — 046 | N. 39° E. 6 | N. 35° W. 4 | 64·1 | 86·4 | + 1·0 | 56·4 | — 1·0 | 0 | 64 | ·382 | 5 |
| Ludhiána ... | 29·861 | — 038 | N 39° W. 3 | N. 47° W. 2 | 62·9 | 81·4 | — 4·3 | 56·2 | — 1·2 | — 2·8 | 62 | ·356 | 5 |
| Lahore ... | 29·873 | — 030 | N. 15° E. 3 | N. 10° W. 3 | 62·8 | 81·6 | — 2·7 | 53·3 | — 3·1 | — 2·9 | 63 | ·350 | 5 |
| Montgomery . | 29·868 | ? | N. 46° E. 7 | ? ? | 65·9 | 84·7 | ? | 56·2 | ? | ? | 50 | ·320 | 5 |
| Siálkot ... | 29·864 | — 035 | N. 17° W. 3 | N. 59° W. 2 | 62·3 | 81·3 | — 0·8 | 54·3 | — 1·1 | — 1·0 | 63 | ·350 | 3 |
| Ráwalpindi ... | 29·893 | — 017 | N. 29° W. 4 | N. 68° W. 3 | 56·5 | 74·5 | — 2·7 | 49·2 | — 1·3 | — 2·0 | 71 | ·328 | 4 |
| Khusháb ... | 29·885 | ? | N. 26° E. 5 | ? ? | 60·7 | 81·4 | ? | 56·4 | ? | ? | 91 | ·418 | 1 |
| Pesháwar ... | 29·922 | — 025 | S. 28° W. 5 | N. 15° E. 4 | 57·8 | 75·7 | — 1·2 | 50·1 | — 1·8 | — 1·5 | 64 | ·309 | 4 |
| Dera Ismail Khan ... | 29·900 | — 038 | N. 17° W. 2 | N. 40° E. 2 | 61·0 | 83·1 | — 1·1 | 54·2 | — 1·4 | — 1·3 | 52 | ·281 | 5 |
| Mooltan ... | 29 880 | — 035 | N. 27° E 2 | N. 11° W. 2 | 64·2 | 85·8 | — 0·4 | 57·7 | — 0·2 | — 0·3 | 59 | ·365 | 3 |
| Simla ... | 23·183 | — 055 | S. 49° E. ... | S. 42° W. 3 | 47·4 | 57·4 | — 4·9 | 42·1 | — 2·8 | — 3·9 | 49 | ·163 | 4 |
| Murree ... | 23·794 | — 047 | N. 88° E. 8 | S. 35° E. 9 | 46·1 | 57·6 | — 1·4 | 39·9 | — 4·5 | — 3·0 | 48 | ·147 | 5 |

With the close of February the winter rainfall of Northern India ordinarily comes to an end, except in years of exceptionally severe and prolonged disturbance. On such occasions depressions of exactly the same type as those experienced in the earlier months of the year appear over the Punjab and the rainfall is occasionally heavy and widespread. On the other hand, in years when the atmospheric disturbances of the winter months are slight and the tendency to cyclonic action feeble and intermittent, the probability of winter storms of the ordinary type affecting the Punjab during March is very slight and the weather is either very fine or is disturbed by early thunder-storms. The rainfall of the month under review is hence due either to late winter storms or to an early commencement of the spring storm period. In the present case, when the whole of the cold season has been marked by an almost complete

absence of rainfall due to cold weather disturbances, it was obviously improbable that conditions would be reversed so late in the season as March, and the daily record of observations has shown that there has been no considerable depression over the Province during the month, though slight storms have advanced to the southern borders from Sind. Nearly all the rain which has fallen has been during thunder-storms, but, except at one or two stations, the totals of these thunder showers have not equalled the normal fall of the month.

On the 1st a rapid barometric fall was in progress over the Punjab with south-westerly and south-easterly winds. Rain was falling at Quetta, and this fall subsequently extended to Pesháwar, Ráwalpindi, Murree and Simla. With this fall of rain, however, the barometer rose fast and a high pressure area was established over the Province. On the 4th another barometric fall occurred in the Punjab, which in its turn was followed by thunder-storms giving rain to the plains and snow on the hills and a subsequent rapid rise of pressure. These unsettled and showery conditions lasted until the 6th, when the weather cleared and remained fair until the 9th, on which day showers again fell in different parts of the Province with snow at Simla. After this the weather again cleared up and remained fine until the 20th, when thunder showers began in the south-east of the Province and during the following two days extended to most stations. A temporary clear up occurred on the 22nd, but on the 23rd, 24th and 25th general rain was again reported. From the 26th onward the weather was fine with one or two local showers.

*Pressure.*—The table A at the commencement of this summary shows that the average pressure of the month has been below the normal in all parts of the Province. The greatest deficiency was at Sirsa, which seems to indicate the depressions, which advanced to the southern borders of the Province from Sind, as the cause of the general deficiency. With the exception of Delhi, the smallest deficiency was in the north-west corner.

*Temperature.*—The variations of temperature from the normal have been in marked contrast to those of the two preceding months. In all places except Sirsa, both on the hills and plains, the weather has been cooler than usual. The greatest deficiency of warmth was at Simla (3·9°) followed by Murree (3·0°) and Ludhiána and Lahore (2·8°). Both the day and night temperatures have been low for the season, but on the whole the greatest deficiency has been during the day, the generally cloudiness of the sky and the cold winds having steadily depressed the maximum readings. A very cool period was experienced between the 7th and 11th. On the 10th and 11th slight frost was registered in Simla and the mean temperature at that station was 12° lower than it had been early in January.

*Rain* fell in some parts of the Province on no less than 10 days during the month. This number of rainy days was largely in excess of those recorded in the two previous months, and the total rainfall of the month exceeded very considerably the total rainfall of either January or February. Notwithstanding this general and fairly frequent rainfall the reputation of the season for exceptional dryness has been maintained, and, except at Mooltan, Ludhiána and Delhi, the total fall was below the normal average. The deficiency was, however, in the majority of instances comparatively small, and over the east of the Province the rainfall left little to complain of.

The following table gives the rainfall data for the Punjab stations for March 1890:—

| STATIONS. | Normal average rainfall in March. | Actual rainfall in March 1890. | Difference from the average in March 1890. |
|---|---|---|---|
| *Punjab, West.* | Inches. | Inches. | Inches. |
| Mooltan ... ... ... ... ... ... | 0·49 | 0·66 | + 0·17 |
| Dera Ismail Khan ... ... ... ... ... | 0·58 | 0·14 | — 0·44 |
| Khusháb ... ... ... ... ... ... | ? | 0·67 | ? |
| Pesháwar ... ... ... ... ... | 1·84 | 0·95 | — 0·89 |
| Murree ... ... ... ... ... ... | 3·61 | 2·06 | — 1·55 |
| Ráwalpindi ... ... ... ... ... | 1·95 | 1·78 | — 0·17 |
| Siálkot ... ... ... ... ... ... | 1·24 | 0·63 | — 0·61 |
| Lahore ... ... ... ... ... ... | 0·69 | 0·58 | — 0·11 |
| Montgomery ... ... ... ... ... | 0·48 | 0·13 | — 0·35 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 1·04 | 1·73 | + 0·69 |
| Simla ... ... ... ... ... ... | 2·75 | 2·62 | — 0·13 |
| Delhi ... ... ... ... ... ... | 0·56 | 0·57 | + 0·01 |
| Sirsa ... ... ... ... ... ... | 0·36 | 0·23 | — 0·13 |

SIMLA :
*The* 13*th April* 1890.

W. L. DALLAS,
*Meteorological Reporter to Government of the Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*H* = Hail.

*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Week ending 6th April 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 31st. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | Total. | Special Remarks. |
| Simla. | Barauli ... | 21st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 13th APRIL 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of April 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli s | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla s | 22nd March | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Kot Khái | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba s | 30th March | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| Kangra. | Plách | 24th March | ... | ... | ... | ... | ... | 0·12 | 0·38 | 0·50 | |
| | Kulu s | 28th Do. | ... | ... | ... | ... | ... | ... | 0·09 | 0·09 | |
| | Nagar | 24th Do. | ... | ... | ... | ... | ... | ... | 0·29 | 0·29 | |
| | Pálampur | 25th Do. | ... | ... | ... | ... | ... | ... | 0·07 | 0·07 | |
| | Hamírpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera | 22nd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Káugra | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nurpur | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of April 1890. Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | Total. | Special Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Jullundur. | Jullundur s | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála ... | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga ... | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi s | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan ... | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van C b | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe C b | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg C ... | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer C b | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála C ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu C ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar C b | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara C ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya C ... | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála C ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsíl ... | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar C ... | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh C ... | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál C ... | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála ... | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler C ... | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C ... | 21st Do. | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Gurdáspur s | 23rd Do. | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Bhímpur C ... | 21st Do. | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Pathánkot ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie s | 24th Do. | ... | ... | ... | ... | ... | ... | 0·11 | 0·11 | |
| | Mádhopur C b | Ditto | ... | ... | ... | ... | ... | ... | 0·05 | 0·05 | |
| | Shakargarh ... | 20th March | ... | ... | ... | ... | ... | 0·14 | ... | 0·14 | |
| Sialkot. | Zafarwál ... | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | 24th March | ... | ... | ... | ... | ... | ... | 0·70 | 0·70 | |
| | Siálkot s | 25th Do. | ... | ... | ... | ... | ... | 0·27 | ... | 0·27 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. Month of April 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hafizabad | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána C | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 25th Do. | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Khusháb | 27th Do. | ... | ... | ... | ... | ... | 0·10 | ... | 0·10 | |
| | Shahpur s | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | 27th Do. | ... | ... | ... | ... | ... | ... | 0·15 | 0·15 | |
| | Miáni | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 28th March | ... | ... | ... | ... | ... | 0·05 | 0·06 | 0·11 | |
| | Sadr Station s | 25th Do. | ... | ... | ... | ... | ... | ... | 0·05 | 0·05 | |
| | Chakwál | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | Ditto | ... | ... | ... | ... | ... | 0·03 | 0·02 | 0·05 | |
| RAWALPINDI. | Pindigheb | 24th March | ... | ... | ... | ... | ... | 0·41 | ... | 0·41 | Young locusts are being hatched in Fatehjang Tahsíl; so far they have been destroyed as they appeared. 500 maunds of eggs destroyed in Attock Tahsíl, where very few young locusts have consequently appeared. |
| | Fatahjang | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 24th Do. | ... | ... | ... | 0·10 | ... | 0·10 | ... | 0·20 | |
| | Ráwalpindi s | 30th Do. | ... | ... | ... | ... | 0·09 | ... | ... | 0·09 | |
| | Gujar Khan | 27th Do. | ... | ... | ... | ... | 0·20 | 0·70 | ... | 0·90 | |
| | Kahúta | 24th Do. | ... | ... | ... | ... | ... | 0·07 | ... | 0·07 | |
| | Murree s | 25th Do. | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| HAZARA. | Abbott-abad s | 3rd April | R. | 0·08 | ... | R. | ... | 0·60 | ... | 0·68 | |
| | Mansahra | 2nd Do. | ... | ... | ... | ... | ... | 0·49 | ... | 0·49 | |
| | Haripur | 31st March | ... | ... | ... | ... | ... | 0·05 | ... | 0·05 | |
| PESHAWAR. | Sawábi | 24th March | ... | ... | ... | ... | ... | 0·09 | ... | 0·09 | |
| | Lahore (Utman Bolak) | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 27th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 28th March | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Doáb Daudzai | 2nd April | ... | ... | ... | R. H. | ... | ... | ... | ... | |
| | Peshawar s | Ditto | ... | 0·04 | ... | 0·01 | ... | ... | ... | 0·05 | |
| KOHAT. | Kohát s | 30th March | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Hangu | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 4th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 26th March | 0·15 | ... | 0·03 | ... | ... | ... | ... | 0·18 | |
| | Marwat | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 24th March | ... | 0·16 | ... | 0·09 | ... | ... | 0·13 | 0·38 | |
| | Kuláchi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | 27th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 22nd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Snow-fall Report.

*Murree (Ráwalpindi District).*—The snowfall during the month of March was measured about 6 inches.

## Memo. of Error.

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF RAWALPINDI FOR THE MONTH OF MARCH 1890 RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 17th APRIL 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Station. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Rawalpindi. | Pindigheb ... | 5·13 | ... | 1·19 | 1·59 | 2·14 | ... | 2·14 | Rabi prospects below average; health of people good. |
| | Fátahjang ... | 10·10 | ... | 2·50 | 2·33 | 3·83 | ... | 3·83 | Ditto. |
| | Attock ... | 7·15 | ... | 1·95 | 1·10 | 1·90 | ... | 1·90 | Rabi prospects average; health of people good. |
| | **Rawalpindi** ... | **8·56** | ... | **1·83** | **1·79** | **4·07** | ... | **4·07** | Rabi prospects below average. |
| | Gujar Khan ... | 10·17 | ... | 1·60 | 2·29 | 4·55 | ... | 4·55 | Ditto. |
| | Kahuta ... | 12·04 | ... | 2·65 | 1·67 | 2·94 | ... | 2·94 | Ditto. |
| | Murree ... | 12·85 | ... | 3·00 | 1·70 | 3·40 | ... | 3·40 | Rabi prospects average; health of people good. |
| | | | | | | | | | Locusts are reported general throughout the district. |
| | | | | | | | | | The Revenue Assisitant went out to inspect Girdawri work on the 29th March 1890 and is still in camp. |

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

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**Memo. of errors to the Agricultural Prospect Report for the month of March 1890.**

Against *Plach (Kángra District)*—in Columns 6, 7 and 9 insert 2·30, 5·30 and 5·30 instead of 2·20, 5·20 and 5·20 respectively.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 17 | 20 | 25 | 25 | 28 | ... | ... | ... | 10 | 10 | 10 | 21 | 24 | 28 | 20 | 20 | 25 |
| Rohtak ... | 16 | 15 | 19 | 22 | 21 | 28 | ... | ... | ... | 10 | 10 | 11 | 18 | 19 | 29 | 18 | 19 | 24 |
| Gurgaon ... | 17 | 16 | 21 | 22 | 23 | 30 | ... | ... | ... | 11 | 12 | 11 | 22 | 24 | 28 | 19 | 19 | 24 |
| Dehli ... | 16 | 16 | 18 | 21 | 22 | 28 | ... | ... | ... | 12 | 12 | 11 | 18 | 20 | 24 | 17 | 18 | 20 |
| Karnál ... | 18 | 17 | 19 | 25 | 23 | 32 | ... | ... | ... | 12 | 11 | 11 | 20 | 20 | 27 | 18 | 18 | 18 |
| Umballa ... | 18 | 18 | 24 | 24 | 25 | 28 | ... | ... | ... | 11 | 10 | 11 | 21 | 21 | 27 | 21 | 20 | 16 |
| Simla ‖ ... | ... | 14 | 14 | ... | 19 | § | ... | ... | ... | ... | 9 | 9 | ... | 15 | 16 | ... | 15 | 14 |
| Kángra ... | 14 | 15 | 15 | 23 | 23 | 20 | ... | ... | ... | 11 | 11 | 12 | 12 | 12 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 18 | 18 | 24 | 32 | 32 | 32 | ... | ... | ... | 10 | 10 | 12 | 22 | 21 | 29 | 20 | 21 | 18 |
| Jullundúr ... | 20 | 20 | 23 | 30 | 30 | 40 | ... | ... | ... | 8 | 8 | 8 | 22 | 25 | 30 | 20 | 21 | 22 |
| Ludhiána ... | 19 | 19 | 24 | 26 | 28 | 40 | ... | ... | ... | 12 | 12 | 12 | 24 | 24 | 33 | 22 | 22 | 24 |
| Ferozepore ... | 19 | 19 | 20 | 38 | 30 | 38 | ... | ... | ... | 10 | 10 | 9 | 23 | 25 | 28 | 22 | 24 | 20 |
| Mooltan ... | 15 | 15 | 17 | 23 | 28 | 27 | ... | ... | ... | 12 | 12 | 10 | 21 | 21 | 24 | 21 | 20 | 19 |
| Jhang ... | 17 | 17 | 24 | 29 | 30 | 32 | ... | ... | ... | 10 | 10 | 10 | 21 | 22 | 24 | 21 | 21 | 16 |
| Montgomery... | 16 | 16 | 20 | 26 | 26 | 28 | ... | ... | ... | 10 | 11 | 10 | 26 | 26 | 28 | 20 | 20 | 15 |
| Lahore .. | 18 | 17 | 19 | 30 | 30 | 33 | ... | ... | ... | 11 | 11 | 9 | 25 | 25 | 30 | 18 | 18 | 18 |
| Amritsar .. | 19 | 19 | 22 | 29 | 27 | 29 | ... | ... | ... | 10 | 10 | 10 | 19 | 19 | 26 | 19 | 20 | 19 |
| Gurdáspur ... | 18 | 18 | 20 | 22 | 22 | 26 | ... | ... | ... | 14 | 14 | 13 | 20 | 20 | 23 | 14 | 14 | 14 |
| Siálkot ... | 16 | 16 | 19 | 30 | 29 | 30 | ... | ... | ... | 12 | 12 | 11 | 26 | 24 | 26 | 22 | 22 | 22 |
| Gujrát ... | 18 | 18 | 21 | 30 | 32 | 34 | ... | ... | ... | 12 | 11 | 9 | 28 | 28 | 25 | 25 | 21 | 21 |
| Gujránwála ... | 17 | 17 | 20 | 34 | 32 | 38 | ... | ... | ... | 12 | 12 | 9 | 18 | 20 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 22 | 34 | 34 | 40 | ... | ... | ... | 10 | 10 | 10 | 24 | 26 | 34 | 24 | 24 | 30 |
| Jhelum ... | 19 | 19 | 20 | 35 | 28 | 32 | ... | ... | ... | 14 | 14 | 10 | 29 | 26 | 22 | 32 | 24 | 22 |
| Ráwalpindi ... | 19 | 18 | 17 | 37 | 36 | 30 | ... | ... | ... | 9 | 9 | 8 | 32 | 34 | 24 | 26 | 23 | 20 |
| Hazára ... | 19 | 19 | 17 | 31 | 33 | 23 | ... | ... | ... | 12 | 12 | 12 | § | § | § | 24 | 20 | 20 |
| Peshávar ... | 18 | 18 | 18 | 45 | 44 | 35 | ... | ... | ... | 10 | 11 | 10 | 33 | 34 | 27 | 22 | 22 | 16 |
| Kohát ... | 23 | 22 | 16 | 45 | 45 | 26 | ... | ... | ... | 16 | 16 | 11 | 34 | 30 | 16 | 33 | 30 | 15 |
| Bannu ... | 23 | 23 | 18 | 53 | 54 | 37 | ... | ... | | 13 | 15 | 10 | 45 | 43 | 24 | 30 | 31 | 19 |
| D. I. Khan ... | 20 | 18 | 19 | 41 | 44 | 43 | ... | ... | ... | 8 | 8 | 8 | 35 | 35 | 25 | 30 | 28 | 26 |
| D. G. Khan ... | 15 | 15 | 17 | 25 | 26 | 26 | ... | ... | ... | 8 | 8 | 9 | 23 | 24 | 25 | 25 | 21 | 20 |
| Muzaffargarh | 15 | 16 | 20 | 25 | 26 | 27 | ... | ... | ... | 15 | 14 | 12 | 20 | 20 | 20 | 20 | 20 | 20 |

§ Not proeurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th APRIL 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 24 | 24 | 26 |
| † | † | † | 16 | 16 | 15 | 21 | 22 | 29 |
| † | † | † | † | † | † | 22 | 23 | 20 |
| † | † | † | 15 | 12 | 14 | 22 | 22 | 25 |
| 20 | 20 | 22 | 16 | 16 | 18 | 23 | 22 | 31 |
| 20 | 18 | 20 | 8 | 9 | 10 | 24 | 25 | 29 |
| ... | 17 | 20 | ... | 9 | 8 | ... | 18 | 17 |
| | | | | | | | | |
| 22 | 23 | 24 | 7 | 8 | 8 | 18 | 18 | 20 |
| 14 | 14 | ... | 16 | 16 | 20 | 24 | 23 | 25 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 24 | 24 | 25 |
| † | † | † | 19 | 18 | 21 | 24 | 25 | 29 |
| † | † | † | 22 | 22 | 16 | 27 | 27 | 28 |
| | | | | | | | | |
| † | † | † | 24 | 22 | 24 | 20 | 19 | 21 |
| 20 | 22 | 20 | 22 | 22 | 22 | 18 | 18 | 20 |
| § | § | § | 30 | 30 | 26 | 22 | 23 | 25 |
| § | § | § | 30 | 30 | 20 | 25 | 24 | 27 |
| † | † | † | 18 | 18 | 24 | 25 | 24 | 25 |
| † | † | † | 16 | 16 | 16 | 23 | 22 | 22 |
| | | | | | | | | |
| § | § | § | 28 | 28 | 20 | 23 | 23 | 25 |
| † | † | † | 11 | 10 | 12 | 23 | 22 | 25 |
| § | § | § | 18 | 18 | 16 | 24 | 24 | 28 |
| 20 | 20 | 20 | 20 | 20 | 20 | 26 | 26 | 31 |
| ‡ | ‡ | ‡ | ‡ | ‡ | 12 | 24 | 24 | 23 |
| ‡ | ‡ | ‡ | 16 | 16 | 20 | 23 | 22 | 23 |
| | | | | | | | | |
| † | † | † | 24 | 12 | 12 | 18 | 19 | 21 |
| † | † | † | 22 | 22 | 19 | 21 | 19 | 21 |
| † | § | † | 28 | 28 | 16 | 27 | 28 | 24 |
| | | | | | | | | |
| 9 | 9 | 8 | 9 | 9 | 8 | 38 | 34 | 26 |
| § | § | § | 6 | 6 | 6 | 30 | 27 | 24 |
| § | § | § | § | § | § | 19 | 20 | 19 |
| § | § | § | § | § | § | 19 | 20 | 21 |

† Not produced.
‡ Not sold.
§ Not procurable
‖ Statement not received.

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 18 seers as compared with 18 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 24 | 18 | 18 |
| Hoshiárpur | ... | 24 | 18 | 18 |
| Jhang | ... | 24 | 17 | 17 |
| Siálkot | ... | 19 | 16 | 16 |
| Kohát | ... | 16 | 22 | 23 |
| Bannu | ... | 18 | 23 | 23 |

*Barley.*—Prices average 31 seers as compared with 30 seers in last fortnight and 31 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 30 | 23 | 22 |
| Ludhiána | ... | 40 | 28 | 26 |
| Gurdáspur | ... | 26 | 22 | 22 |
| Ráwalpindi | ... | 30 | 36 | 37 |
| Kohát | ... | 26 | 45 | 45 |
| Bannu | ... | 37 | 54 | 52 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 11 | 12 | 12 |
| Hoshiárpur | ... | 12 | 10 | 10 |
| Mooltan | ... | 10 | 12 | 12 |
| Jhelum | ... | 10 | 14 | 14 |
| Kohát | ... | 11 | 16 | 16 |
| Bannu | ... | 10 | 15 | 13 |

*Jowár.*—Prices average 25 seers as compared with 25 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 29 | 19 | 18 |
| Ludhiána | ... | 33 | 24 | 24 |
| Amritsar | ... | 26 | 19 | 19 |
| Ráwalpindi | ... | 24 | 34 | 32 |
| Kohát | ... | 16 | 30 | 34 |
| Bannu | ... | 24 | 43 | 45 |

*Bájra.*—Prices average 21 seers as compared with 21 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers | Seers. |
| Umballa | ... | 16 | 20 | 21 |
| Ferozepore | ... | 20 | 24 | 22 |
| Montgomery | ... | 15 | 20 | 20 |
| Jhelum | ... | 22 | 24 | 32 |
| Kohát | ... | 15 | 30 | 33 |
| Bannu | ... | 19 | 31 | 30 |

*Gram.*—Prices average 23 seers as compared with 23 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 31 | 22 | 23 |
| Ludhiána | ... | 29 | 25 | 24 |
| Montgomery | ... | 25 | 23 | 22 |
| Shahpur | ... | 31 | 26 | 26 |
| Kohát | ... | 24 | 28 | 27 |
| Bannu | ... | 26 | 34 | 38 |

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 15th April 1890. | | Past fortnight ending 31st March 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 18 | † | † | † | 100 | 120 | 85 | 12 4 | 12 0 | 12 4 | 12 0 | 12 0 | 11 12 |
| Rohtak ... | 18 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 8 | 11 0 | 12 0 | 11 0 |
| Gurgaon ... | 22 | 24 | 25 | 24 | 20 | 16 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 18 | 18 | 24 | 24 | 25 | 25 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 23 | 23 | 35 | 20 | 19 | 20 | 160 | 160 | 120 | 11 0 | 10 8 | 11 0 | 10 8 | 11 0 | 10 8 |
| Umballa ... | 26 | 24 | 32 | 20 | 20 | 20 | 150 | 140 | 130 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Simla ‖ ... | ... | 16 | 21 | ... | 12 | 10 | ... | 68 | 65 | ... | ... | 10 0 | 9 8 | 9 8 | 8 8 |
| Kángra ... | 18 | 18 | 19 | 14 | 13 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 25 | 23 | 33 | 16 | 16 | 17 | 85 | 85 | 120 | 13 4 | 13 2 | 13 4 | 13 2 | 13 2 | 13 0 |
| Jullundur ... | 26 | 27 | 32 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 26 | 25 | 34 | 13 | 13 | 13 | 110 | 110 | 110 | 13 8 | 13 0 | 13 8 | 13 0 | 13 0 | 12 8 |
| Ferozepore ... | 22 | 24 | 30 | 12 | 11 | ... | 110 | 110 | 100 | 13 8 | 13 4 | 13 4 | 13 0 | 13 8 | 13 4 |
| Mooltan ... | 21 | 21 | 24 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Jhang ... | 23 | 23 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 24 | 24 | 28 | 12 | 12 | 12 | 200 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 22 | 22 | 29 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 24 | 22 | 29 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 14 0 |
| Gurdáspur ... | 23 | 23 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 29 | 25 | 26 | 12 | 12 | 13 | 120 | 120 | 160 | 14 4 | 14 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 25 | 24 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 27 | 25 | 20 | § | § | § | 85 | 85 | 85 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 27 | 24 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 33 | 28 | 23 | ‡ | ‡ | ‡ | 160 | 160 | 160 | 14 0 | 14 0 | 14 0 | 14 0 | ... | 14 0 |
| Ráwalpindi ... | 30 | 28 | 22 | 26 | 26 | 19 | 85 | 88 | 100 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 30 | 29 | 20 | † | † | † | 80 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshávar ... | 33 | 32 | 24 | 30 | 29 | 25 | 110 | 112 | 109 | 42 0 | 40 0 | 42 0 | 40 0 | 42 0 | 40 0 |
| Kohát ... | 34 | 34 | 20 | † | § | † | 130 | 145 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 58 0 |
| Bannu ... | 45 | 44 | 23 | 14 | 14 | 13 | 70 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 32 | 25 | 17 | 15 | 15 | 14 | 125 | 125 | 112 | 43 0 | 41 0 | 44 0 | 42 0 | 45 0 | 43 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 175 | 29 0 | 28 0 | 28 8 | 27 8 | 29 0 | 27 8 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th APRIL 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | | |
|---|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 9 0 | 9 8 | 17 0 | 7 0 | 7 0 | 7 0 | |
| 10 0 | 10 0 | 18 0 | 7 0 | 8 0 | 9 0 | |
| 9 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 | |
| 7 0 | 7 0 | 11 0 | 7 0 | 7 0 | 7 0 | |
| 10 0 | 9 8 | 17 0 | 8 0 | 8 0 | 8 8 | |
| 9 0 | 9 8 | 14 0 | 7 8 | 7 8 | 8 0 | |
| ... | 6 0 | 7 8 | ... | 2 4 | 2 8 | |
| 8 0 | 9 0 | 10 0 | 7 0 | 7 0 | 8 0 | |
| 7 8 | 8 8 | 15 0 | 7 0 | 7 0 | 9 0 | |
| 9 0 | 8 0 | 14 0 | 8 0 | 8 0 | 7 0 | |
| 8 0 | 10 0 | 12 0 | 9 0 | 8 0 | 8 0 | |
| 10 0 | 10 0 | 13 0 | 8 8 | 8 0 | 8 0 | |
| 7 0 | 7 4 | 11 0 | 7 0 | 7 0 | 7 0 | |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 | |
| 9 0 | 9 0 | 12 0 | 10 0 | 9 0 | 9 0 | |
| 8 0 | 8 4 | 13 0 | 8 0 | 8 1 | 7 2 | |
| 9 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 | |
| 11 8 | 11 8 | 15 8 | 9 0 | 9 0 | 8 0 | |
| 10 8 | 11 8 | 16 0 | 8 0 | 8 0 | 9 0 | |
| 11 0 | 11 0 | 14 0 | 9 0 | 8 0 | 8 0 | |
| 10 0 | 11 0 | 14 0 | 8 0 | 8 0 | 8 0 | |
| 9 0 | 10 0 | 12 0 | 8 0 | 8 0 | 8 0 | |
| 10 0 | 10 0 | 13 0 | 8 0 | 9 0 | 8 0 | |
| 8 0 | 8 4 | 11 0 | 10 0 | 10 0 | 9 0 | |
| 8 0 | 8 0 | 8 0 | § | § | § | |
| 7 6 | 8 4 | 9 8 | 8 13 | 9 0 | 6 10 | |
| 7 12 | 8 8 | 11 6 | 9 0 | 10 0 | 10 0 | |
| 10 0 | 12 8 | 16 0 | 8 12 | 8 12 | 8 12 | |
| 10 0 | 10 0 | 13 0 | 9 0 | 9 0 | 11 0 | |
| 6 9 | 6 14 | 10 0 | 7 8 | 7 8 | 8 12 | |
| 9 0 | 9 0 | 11 0 | 8 0 | 8 0 | 8 0 | |

*Maize.*—Prices average 26 seers as compared with 25 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 35 | 23 | 23 |
| Ferozepore | ... | 30 | 24 | 22 |
| Lahore | ... | 29 | 22 | 22 |
| Jhelum | ... | 23 | 28 | 33 |
| Kohát | ... | 20 | 34 | 34 |
| Bannu | ... | 23 | 44 | 45 |

§ Not procurable.
‖ Statement not received.

THAKAR SINGH, *Offg. Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR
FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 19 | 22 | 23 | 29 | ... | ... | ... | 13 | 13 | 12 | 19 | 21 | 25 | 18 | 19 | 21 | † | † | ... |
| Ferozepore ... | 19 | 19 | 20 | 38 | 30 | 38 | ... | ... | ... | 10 | 10 | 9 | 23 | 25 | 28 | 22 | 24 | 20 | † | † | ... |
| Mooltan ... | 15 | 15 | 17 | 29 | 29 | 27 | ... | ... | ... | 13 | 13 | 11 | 22 | 22 | 25 | 21 | 20 | 19 | † | † | ... |
| Lahore ... | 19 | 17 | 20 | 31 | 31 | 34 | ... | ... | ... | 12 | 11 | 10 | 26 | 26 | 31 | 19 | 19 | 20 | § | § | ... |
| Amritsar ... | 20 | 19 | 22 | 30 | 28 | 29 | ... | ... | ... | 10 | 11 | 10 | 20 | 20 | 26 | 20 | 21 | 19 | † | † | ... |
| Peshâwar ... | 19 | 19 | 19 | 47 | 46 | 37 | ... | ... | ... | 11 | 12 | 11 | 34 | 35 | 28 | 23 | 23 | 17 | † | † | ... |

† Not produced.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th APRIL 1890.**

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th April 1890. | Past fortnight ending 31st March 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 16 | 13 | 15 | 23 | 23 | 26 | 19 | 19 | 25 | 25 | 26 | 26 | 8 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 | |
| 22 | 22 | 16 | 27 | 27 | 27 | 22 | 24 | 30 | 12 | 11 | ... | 10 0 | 10 4 | 13 0 | 8 8 | 8 0 | 8 0 | |
| 25 | 23 | 25 | 21 | 20 | 22 | 22 | 22 | 25 | † | † | ... | 7 4 | 7 8 | 7 8 | 7 4 | 7 4 | 8 8 | |
| 31 | 31 | 22 | 26 | 25 | 27 | 23 | 23 | 30 | 13 | 13 | 13 | 9 4 | 9 12 | 13 8 | 8 3 | 8 3 | 7 6 | |
| 19 | 19 | 24 | 26 | 25 | 26 | 25 | 23 | 29 | † | † | ... | 10 0 | 10 8 | 16 0 | 8 0 | 8 0 | 8 0 | |
| 23 | 23 | 20 | 22 | 20 | 22 | 34 | 33 | 25 | 31 | 30 | 26 | 7 10 | 8 7 | 9 12 | 9 1 | 9 4 | 6 13 | |

† Not produced.

THAKAR SINGH, *Offg. Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 29th MARCH 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 1 | 1 | 2 | 10 | 6 | 4 | ... | 1 | 3 | ... | ... | 6 | 2 | ... | 2 | 7 | 37 |
| 2 | | Hansi ... | 12,656 | 5 | 2 | 7 | 24 | 13 | 11 | ... | ... | 16 | ... | ... | 8 | 3 | 2 | 5 | 29 | 99 |
| 3 | | Bhiwani ... | 33,762 | 5 | 2 | 7 | 22 | 15 | 7 | ... | ... | 8 | ... | ... | 14 | 6 | 3 | 9 | 11 | 34 |
| 4 | | Sirsa ... | 12,292 | 4 | 1 | 5 | 7 | 4 | 3 | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 21 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 1 | 3 | 4 | 10 | 4 | 6 | ... | ... | 5 | ... | ... | 5 | 1 | 1 | 2 | 13 | 33 |
| 6 | | Jhajjar ... | 11,650 | 6 | 6 | 12 | 5 | 1 | 4 | ... | ... | 1 | ... | ... | 4 | ... | 2 | 2 | 54 | 22 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 6 | 5 | 11 | 6 | 4 | 2 | ... | ... | 4 | 1 | ... | 1 | ... | 1 | 1 | 23 | 13 |
| 8 | | Palwal ... | 10,635 | 3 | 1 | 4 | 5 | 3 | 2 | ... | ... | 3 | ... | ... | 2 | ... | ... | ... | 20 | 25 |
| 9 | Delhi ... | Delhi ... | 117,363 | 42 | 41 | 83 | 169 | 92 | 77 | ... | 2 | 100 | 3 | 3 | 61 | 17 | 13 | 30 | 37 | 75 |
| 10 | | " Suburbs ... | 52,882 | 10 | 7 | 17 | 33 | 22 | 11 | ... | ... | 24 | 1 | ... | 8 | 2 | ... | 2 | 17 | 33 |
| 11 | | Sonepat ... | 13,077 | 3 | 2 | 5 | 19 | 8 | 11 | ... | 4 | 12 | 1 | ... | 2 | 1 | 3 | 4 | 20 | 76 |
| 12 | Karnal ... | Karnal ... | 23,133 | 5 | 10 | 15 | 27 | 10 | 17 | ... | 1 | 17 | 2 | ... | 7 | 2 | 6 | 8 | 34 | 61 |
| 13 | | Kaithal ... | 14,754 | 8 | 3 | 11 | 7 | 3 | 4 | ... | ... | 2 | 2 | ... | 3 | 1 | 2 | 3 | 39 | 25 |
| 14 | | Panipat ... | 26,572 | 10 | 8 | 18 | 25 | 11 | 14 | ... | 3 | 7 | 4 | ... | 11 | 5 | | 10 | 35 | 49 |
| 15 | Umballa ... | Umballa ... | 26,777 | 5 | 11 | 16 | 16 | 8 | 8 | ... | ... | 9 | 3 | ... | 4 | ... | 1 | 1 | 31 | 31 |
| 16 | | Jagadhri ... | 12,300 | 2 | 3 | 5 | 3 | 1 | 2 | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | 21 | 13 |
| 17 | | Shahabad ... | 10,218 | 3 | 2 | 5 | 11 | 3 | 8 | ... | ... | 9 | ... | ... | 2 | ... | ... | ... | 26 | 56 |
| 18 | | Sadhaura ... | 10,794 | 2 | 2 | 4 | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 1 | 19 | 10 |
| 19 | | Rupar ... | 10,326 | 1 | 3 | 4 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | 1 | ... | 1 | 20 | 20 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 4 | 5 | 9 | 7 | 4 | 3 | ... | ... | 1 | 1 | 1 | 4 | ... | 1 | 1 | 35 | 2 |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 5 | 11 | 9 | 7 | 2 | ... | ... | 4 | 1 | ... | 4 | 2 | ... | 2 | 56 | 46 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 14 | 16 | 30 | 29 | 16 | 13 | ... | ... | 13 | ... | ... | 16 | 4 | 3 | 7 | 50 | 49 |
| 23 | | " Suburbs ... | 11,474 | 8 | 4 | 12 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | 1 | ... | 1 | 55 | 32 |
| 24 | | Rahon ... | 11,736 | 3 | ... | 3 | 6 | 3 | 3 | ... | ... | 4 | ... | ... | 2 | 1 | ... | 1 | 13 | 27 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 12 | 11 | 23 | 21 | 9 | 12 | ... | 2 | 12 | 1 | 1 | 5 | 1 | 2 | 3 | 27 | 25 |
| 26 | | Jagraon ... | 16,873 | 4 | 4 | 8 | 18 | 10 | | ... | ... | 5 | 1 | ... | 12 | 3 | ... | 3 | 25 | 56 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 3 | 8 | 11 | 13 | 8 | 5 | ... | ... | 8 | ... | ... | 5 | 2 | 1 | 3 | 27 | 32 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 4 | 8 | 12 | 16 | 4 | 12 | ... | ... | 7 | 2 | ... | 7 | 1 | 3 | 4 | 20 | 26 |
| 29 | | " Suburbs ... | 25,593 | 8 | 6 | 14 | 18 | 12 | 6 | ... | ... | 11 | ... | ... | 7 | 3 | 3 | 6 | 29 | 37 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 4 | 2 | 6 | 2 | 1 | 1 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 25 | 8 |
| 31 | | Chiniot ... | 10,731 | 3 | 3 | 6 | 4 | 2 | 2 | ... | ... | 2 | ... | ... | 2 | ... | 1 | 1 | 29 | 19 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 24 | 25 | 49 | 70 | 44 | 26 | ... | ... | 44 | 3 | 1 | 22 | 7 | 4 | 11 | 26 | 38 |
| 33 | | " Suburbs ... | 41,670 | 5 | 5 | 10 | 15 | 11 | 4 | ... | ... | 11 | 1 | ... | 3 | 1 | 1 | 2 | 13 | 19 |
| 34 | | Kasur ... | 17,336 | 2 | 6 | 8 | 11 | 6 | 5 | ... | ... | 10 | ... | ... | 1 | 1 | 1 | 2 | 24 | 33 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 42 | 56 | 98 | 132 | 68 | 64 | ... | ... | 40 | 5 | 1 | 86 | 14 | 7 | 21 | 35 | 48 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 9 | 10 | 19 | 14 | 10 | 4 | ... | ... | 9 | ... | ... | 5 | 2 | 1 | 3 | 41 | 30 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 18 | 10 | 28 | 33 | 18 | 15 | ... | 2 | 5 | 1 | ... | 25 | 4 | 2 | 6 | 43 | 51 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 4 | 2 | 6 | 6 | 1 | 5 | ... | ... | 2 | ... | ... | 4 | 1 | ... | 1 | 17 | 17 |
| 39 | | Jalalpur ... | 12,839 | 5 | 10 | 15 | 6 | 1 | 5 | ... | ... | 1 | ... | ... | 5 | ... | 1 | 1 | 61 | 24 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 7 | 4 | 11 | 16 | 6 | 10 | ... | 2 | 8 | 1 | 1 | 4 | 2 | 4 | 6 | 25 | 36 |
| 41 | | Wazirabad ... | 16,462 | 9 | 4 | 13 | 16 | 10 | 6 | ... | ... | 9 | ... | ... | 7 | 2 | 1 | 3 | 41 | 51 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 10 | 5 | 15 | 6 | 5 | 1 | ... | ... | 2 | 1 | ... | 3 | 1 | ... | 1 | 52 | 21 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | ... | 3 | 3 | 5 | 1 | 4 | ... | ... | 3 | ... | ... | 2 | ... | 2 | 2 | 9 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 2 | 8 | 11 | 5 | 6 | ... | ... | 6 | 1 | ... | 4 | ... | 1 | 1 | 25 | 34 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 11 | 6 | 17 | 19 | 9 | 10 | ... | 1 | 12 | ... | ... | 6 | 3 | 3 | 6 | 32 | 36 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 10 | 12 | 22 | 41 | 29 | 12 | ... | ... | 27 | 3 | ... | 11 | 7 | 6 | 13 | 19 | 36 |
| 47 | Kohat ... | Kohat ... | 13,490 | 1 | 2 | 3 | 10 | 7 | 3 | ... | ... | 8 | ... | ... | 2 | ... | ... | ... | 12 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 2 | 4 | 6 | 9 | 7 | 2 | ... | ... | 4 | 2 | ... | 3 | 2 | ... | 2 | 16 | 25 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 5 | 9 | 11 | 8 | 3 | ... | ... | 7 | ... | ... | 4 | 3 | ... | 3 | 24 | 29 |
| | Birth and death rate of London for the week ending 8th March 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·9 | 22·3 |
| | Grand Total ... | | 1,311,330 | 364 | 356 | 720 | 986 | 537 | 449 | ... | 19 | 508 | 43 | 8 | 408 | 109 | 88 | 197 | 29 | 39 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... | | 12,305 | ... | ... | ... | 18 | 14 | 4 | ... | ... | 18 | ... | ... | ... | ... | ... | ... | ... | 76 |
| | Dharmsala ... ... ... ... | | 3,839 | ... | 1 | 1 | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 14 | 14 |
| | Dalhousie ... ... ... ... | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... ... ... ... | | 2,489 | 1 | ... | 1 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 21 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 21st April 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 29th March* 1890.

*General Results.*—The total deaths registered from all causes in the Province were 10,883 against 10,664 in the previous week and 7,836 in the corresponding week of the past year, giving respectively an annual death-rate of 30·1, 29·5 and 21·7 per 1,000 of population. The death rate is very high when the season of the year is taken into account.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 243 deaths were registered against 247 in the previous week and 154 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,695 deaths against 7,501 in the previous week and 5,267 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 246 deaths against 208 and 183.

*Chest disease.*—Seven hundred and thirty-nine against 728 and 548.

*Snake-bite.*—Five against 0 and 7.

*Hydrophobia.*—One against 1 and 2.

*All other causes.*—One thousand nine hundred and fifty-four against 1,979 in the previous week and 1,675 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand four hundred and ninety-six deaths were registered in the Province amongst infants under one year of age, of which number 1,410 were males and 1,086 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 986 deaths were registered (537 males and 449 females), giving a death-rate of 39 per mille of population; 720 births were registered (364 males and 356 females), giving a birth-rate of 29 per mille of population. The death-rate in Hansi remains high. It is also high in the city of Delhi and in the town of Sonepat.

LAHORE:
*The* 21*st April* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—24-4-90—690.

No. 18 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 1, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 29th APRIL 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·35 in Barwála | Scarce. | Rising. | Harvest being cut. | |
| 2 | Delhi ... | 0·86 | Do. | Slightly rising. | Reaping almost over. Yield below average. | |
| 3 | Umballa ... | 1·00 | Do. | Stationary. | Threshing of crops in progress. | Ploughings commenced. |
| 4 | Jullundur ... | 0·30 | Sufficient. | Do. | Crops being reaped. | Sugarcane weeding commenced. |
| 5 | Ferozepore ... | 0·20 at Sadr ...<br>0·16 in Moga.<br>0·12 in Zíra.<br>0·08 in City. | Do. | Do. | Threshings in progress. Yield expected about average. | |
| 6 | Amritsar ... | 0·57 | Do. | Do. | Crops being harvested. Extra rabi sowings in progress. No complaints against canal working. | |
| 7 | Siálkot ... | Rainfall throughout the district the last three days. | ... | ... | ... | Recent rain will render possible early sowings of fodder for cattle and will assist the sugarcane and cotton sowings. Ploughings going on. |
| 8 | Lahore ... | 0·63 at Lahore<br>0·04 in Kasúr<br>0·60 in Sharakpur accompanied with hail. | Scarce in dry tracts. | Rising at Lahore; falling at Sharakpur; stationary elsewhere. | Reaping in progress. Outturn on baráni inferior; elsewhere average. Crops in Sharakpur tahsíl very poor. Slight damage done to standing crops by hail on the 25th April in Sharakpur. | |
| 9 | Mooltan ... | Slight. | Insufficient. | Stationary. | Some damage done to thrashed wheat in tahsíl Mooltan by hailstones. Condition of crops generally fair. Water flowing in Wali Muhammad Canal. | |
| 10 | Ráwalpindi ... | 1·25 at Ráwalpindi.<br>0·52 in Fátahjang.<br>0·85 in Gujar Khan.<br>1·39 in Kahuta<br>3·00 in Murree. | Sufficient. | Rising. | Crops being reaped. | |
| 11 | Shahpur ... | ... | Do. | Almost stationary. | Expected outturn below average. | Kharif ploughings commenced. |
| 12 | D. I. Khan ... | 0·18 | On average. | Stationary. | Reapings in progress. Crops damaged by hail in Dera Ismail Khan tahsil. | |
| 13 | Peshâwar ... | 1·39 | Sufficient. | Do. | Rainfall injured the standing crops. | Prospects of crops much improved. |

*GENERAL REMARKS.*

Rain has fallen in all districts except Shahpur. Prices rising in Hissar, Delhi and Ráwalpindi; fluctuating in Lahore; stationary elsewhere. Harvesting of rabi crops in progress; kharif sowings and ploughings going on in Umballa, Jullundur, Lahore and Shahpur. Prospects of crops average on irrigated lands, but poor elsewhere. Rain and hail injured the standing crops in Peshâwar and Lahore. Some damage done to thrashed wheat in Mooltan by hail. Fodder sufficient in Jullundur, Ferozepore, Amritsar, Ráwalpindi, Shahpur and Peshâwar; scarce elsewhere.

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*H* = Hail.
*R* = Slight rain not measured.
*D* = Dust storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending* 16*th February* 1890. | | | | | | | | |
| | | | Monday 10th. | Tuesday 11th. | Wednesday 12th. | Thursday 13th. | Friday 14th. | Saturday 15th. | Sunday 16th. | | |
| Rohtak. | Gohána ... | 23rd Jany. ... | ... | ... | ... | 0·01 | ... | ... | ... | 0·01 | |
| | | | *Week ending* 2*nd March* 1890. | | | | | | | | |
| | | | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th | Saturday 1st. | Sunday 2nd. | | |
| Rohtak. | Gohána ... | 13th Feby. ... | ... | ... | 0·08 | ... | ... | ... | ... | 0·08 | |
| | | | *Week ending* 6*th April* 1890. | | | | | | | | |
| | | | Monday 31st. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th | Sunday 6th. | | |
| Kohat. | Kohát ... | 30th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kilba *s* | 30th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending* 13*th April* 1890. | | | | | | | | |
| | | | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | | |
| Simla. | Kilba *s* | 30th March ... | ... | ... | ... | ... | ... | 0·32 | 1·20 | 1·52 | |
| Kohat. | Kohát *s* | 30th March ... | ... | ... | ... | ... | ... | T.D. 0·12 | ... | 0·12 | |
| | Hangu ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thall ... | 24th Do. ... | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Karak ... | 25th Do. ... | ... | ... | ... | 1·28 | .. | ... | ... | 1·28 | |
| D. G. Khan. | Sanghar ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. G. Khan *s* | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur ... | 22nd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 20th APRIL 1890.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | Month of April 1890. | | | | | | | | |
| Distr ct. | Rain-gauge Station. | | Date of fall last reported. | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | Total. | Special Remarks. |
| Hissar. | Sirsa | s | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | ... | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | ... | 19th Do. | ... | ... | ... | ... | 0·08 | ... | ... | 0·08 | |
| | Hissar | s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | ... | 21st March | ... | ... | ... | ... | 0·16 | ... | ... | 0·16 | |
| | Bhiwáni | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | ... | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | s | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | ... | 22nd Do. | ... | ... | ... | ... | 0·14 | ... | ... | 0·14 | |
| | Sámpla | ... | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | ... | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | ... | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | ... | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | ... | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Firozpur | ... | Ditto | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Hodal | ... | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | ... | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | ... | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | s | 20th March | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Punahána | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | ... | 21st March | ... | ... | ... | 0·08 | 0 15 | ... | ... | 0·23 | |
| | Mahrauli | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | s | 19th March | ... | ... | ... | 0·06 | ... | ... | ... | 0 06 | |
| | Sonepat | ... | 22nd Do. | ... | 0·03 | 0·02 | ... | ... | ... | ... | 0 05 | |
| Karnal. | Pánipat | ... | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | ... | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | ... | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | ... | 19th March | ... | ... | ... | ... | 0·03 | ... | ... | 0·03 | |
| | Jagádhri | ... | 20th Do. | ... | ... | 0·10 | 0·04 | ... | ... | ... | C·14 | |
| | Umballa | s | Ditto | ... | ... | ... | 0·25 | 0·01 | ... | ... | 0·26 | |
| | Naráingarh | ... | 21st March | ... | ... | ... | 0·18 | ... | ... | ... | 0·18 | |
| | Kharar | ... | Ditto | ... | ... | ... | 0·25 | 0 13 | ... | ... | 0·38 | |
| | Rúpar | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra C | ... | 5th March | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Jhodhpur C | ... | 29th August | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Raniki C | ... | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádapur C | ... | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | s | 21st March | ... | ... | ... | 0·33 | 0·23 | ... | ... | 0·56 | |
| | Barauli | ... | Ditto | ... | ... | ... | ... | 0·41 | ... | ... | 0·41 | |
| | Simla | s | 13th April | ... | ... | ... | 0·13 | 0·38 | ... | ... | 0·51 | |
| | Kot Khái | ... | 21st March | ... | ... | ... | 0·10 | 0·73 | ... | ... | 0·83 | |
| | Kotgarh | ... | Ditto | ... | ... | ... | 0·10 | 0 73 | ... | ... | 0·83 | |
| | Kilba | s | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | ... | 13th April | ... | ... | 0·30 | 0·52 | ... | ... | ... | 0 82 | |
| | Kulu | s | Ditto | 0·08 | ... | ... | 0·30 | 0·65 | ... | ... | 1·03 | |
| | Nagar | ... | Ditto | ... | ... | ... | 0·92 | 0·23 | ... | ... | 1·15 | |
| | Pálampur | ... | Ditto | ... | ... | ... | 0·47 | 0·32 | R. | ... | 0·79 | |
| | Hamírpur | ... | 25th March | ... | ... | ... | 0·04 | 0·48 | ... | ... | 0·52 | |
| | Dera | ... | 22nd Do. | ... | ... | ... | 0·42 | 0·05 | ... | ... | 0·47 | |
| | Kángra | ... | 25th Do. | ... | ... | ... | 0 70 | 0·37 | ... | ... | 1·07 | |
| | Dharmsála | s | Ditto | ... | ... | ... | 0·40 | 0·50 | ... | ... | 0 90 | |
| | Nurpur | ... | 24th March | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| Hoshiarpur. | Dasúya | ... | 25th March | ... | ... | 0·21 | ... | ... | ... | ... | 0·21 | |
| | Una | ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | ... | Ditto | ... | ... | ... | 0 21 | 0·08 | ... | ... | 0·29 | |
| | Sadr Station | ... | 25th March | ... | ... | 0·19 | ... | ... | ... | ... | 0·19 | |
| | Hoshiárpur | ... | 21st Do. | ... | ... | ... | ... | ... | ... | ... | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of April 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 20th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto ... | ... | ... | ... | 0·14 | 0·27 | ... | ... | 0·41 | |
| | Nawashahr ... | Ditto ... | ... | ... | ... | ... | 0·28 | ... | ... | 0·28 | |
| Ludhiana. | Samrála ... | 20th March ... | ... | ... | 0·15 | 0·10 | ... | ... | ... | 0 25 | |
| | Ludhiána s | Ditto ... | ... | ... | ... | 0·30 | ... | ... | ... | 0 30 | |
| | Jagraon ... | Ditto ... | ... | ... | ... | 0·09 | ... | ... | ... | 0 09 | |
| Ferozepore. | Moga ... | 21st March ... | ... | ... | ... | 0·19 | ... | ... | ... | 0·19 | |
| | Zíra ... | Ditto ... | ... | ... | ... | 0·34 | 0·12 | ... | ... | 0 46 | |
| | Ferozepore s | Ditto ... | ... | ... | 0·10 | ... | ... | ... | ... | 0 10 | |
| | Ferozepore city ... | Ditto ... | ... | ... | 0·13 | 0 08 | ... | ... | ... | 0·21 | |
| | Muktsar ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Natháná ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi s | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 22nd Do. ... | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Chiniot ... | 24th Do. ... | ... | ... | ... | 0·19 | ... | ... | ... | 0·19 | |
| Montgomery. | Gugera ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | Ditto ... | ... | ... | ... | ... | ... | R. | ... | ... | *Much scarcity of fodd[illegible] |
| | Pákpattan ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | Ditto ... | ... | ... | ... | 0·02 | ... | ... | ... | 0 02 | |
| Lahore. | Van C b | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 23rd March ... | ... | ... | ... | 0·25 | ... | ... | ... | 0·25 | |
| | Pambe C b | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg C ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore † s | 21st Do. ... | ... | ... | ... | H. 0 59 | ... | ... | ... | 0·59 | † No damage reported to have been caused by the fall of hail |
| | Meean Meer C b | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála C ... | Ditto ... | ... | ... | ... | 0·16 | ... | ... | ... | 0·16 | |
| | Dafthú C ... | Ditto ... | ... | ... | ... | 0 14 | ... | ... | ... | 0 14 | |
| Amritsar. | Buchar C b | 24th March ... | ... | ... | ... | 0·17 | ... | ... | ... | 0 17 | |
| | Khara C ... | Ditto ... | ... | ... | ... | 0·37 | 0·13 | ... | ... | 0·50 | |
| | Tarn Táran ... | 23rd March ... | ... | ... | 0·26 | ... | ... | ... | ... | 0·26 | |
| | Raya C ... | 24th Do. ... | ... | ... | ... | 0·10 | ... | ... | ... | 0 10 | |
| | Jandiála C ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | Ditto ... | ... | ... | 0·10 | 0·10 | ... | ... | ... | 0 20 | |
| | Amritsar Tahsíl ... | 23rd March ... | ... | ... | 0·18 | 0·13 | ... | ... | ... | 0·31 | |
| | Amritsar C ... | 24th Do. ... | ... | ... | ... | 0 15 | 0·15 | ... | ... | 0·30 | |
| | Buggeh C ... | 21st Do. ... | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Ajnála ... | 23rd Do. ... | ... | ... | 0·12 | ... | ... | ... | ... | 0·12 | |
| Gurdaspur. | Aliwál C ... | 21st March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála ... | 23rd Do. ... | ... | ... | ... | 0·17 | ... | ... | ... | 0·17 | |
| | Kaler C ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C ... | 13th April ... | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Gurdáspur s | 23rd March ... | ... | ... | 0·28 | ... | ... | ... | ... | 0·28 | |
| | Bhímpur C ... | 13th April ... | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |
| | Pathánkot ... | 20th March ... | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| | Dalhousie s | 13th April ... | ... | ... | ... | 0·61 | 0·08 | ... | ... | 0·69 | |
| | Mádhopur C b | Ditto ... | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |
| | Shakargarh ... | 12th April ... | .. | ... | ... | ... | ... | ... | ... | ... | |
| Sialkot. | Zafarwál ... | 21st March ... | ... | ... | ... | ... | 0·57 | ... | ... | 0·57 | |
| | Pasrúr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | 13th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | 12th Do. ... | ... | ... | ... | ... | 0·10 | ... | ... | 0 10 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. Month of April 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hafizabad | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána C | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C | Ditto | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| SHAHPUR. | Midh | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 24th March | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Naushahra | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur | 28th March | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Bhera | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | Ditto | ... | ... | ... | ... | ... | 0·06 | ... | 0·06 | |
| | Chakwál | 24th March | ... | ... | ... | ... | 0·02 | ... | ... | 0·02 | |
| | Talagang | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb | 12th April | ... | ... | ... | ... | ... | ... | 0·42 | 0·42 | |
| | Fatahjang | 25th March | ... | ... | ... | 0·18 | ... | ... | ... | 0·18 | |
| | Attock | 12th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi | 11th Do. | ... | ... | ... | ... | ... | ... | 0·17 | 0·17 | |
| | Gujar Khan | 12th Do. | ... | ... | ... | ... | ... | ... | 0·60 | 0·60 | |
| | Kahúta | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree | Ditto | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| HAZARA. | Abbott-abad | 12th April | ... | ... | ... | 0·03 | 0·57 | ... | ... | 0·60 | |
| | Mansahra | Ditto | ... | ... | ... | ... | 1·12 | ... | ... | 1·12 | |
| | Haripur | Ditto | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| PESHAWAR. | Sawábi | 12th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 27th Do. | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Mardán | 31st Do. | ... | ... | ... | ... | ... | 0·45 | ... | 0·45 | |
| | Katlang | Ditto | ... | ... | ... | ... | 0·70 | ... | ... | 0·70 | |
| | Hashtnagar | 10th April | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Doab Daudzai | 2nd Do. | ... | ... | R. | R. | 0·20 | ... | ... | 0·20 | |
| | Peshawar | 10th Do. | ... | ... | ... | 0·23 | ... | ... | ... | 0·23 | |
| KOHAT. | Kohát | 12th April | ... | ... | ... | ... | ... | ... | ... | ... | Sta e |
| | Hangu | 27th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 9th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 4th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu | 9th Do. | ... | ... | ... | ... | ... | ... | 0·54 | 0·54 | |
| | Marwat | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | 27th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 22nd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Snow-fall Report.

Heavy snow fell on the ranges west of the Indus in the season of 1889-90.

## STATEMENT No. I.

### Irrigation operations of the Kharif Crop of 1889 on Inundation Canals.

*Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Districts. | Area in acres. | Cultivated area in acres. | Area irrigated. | | Comparison with last crop. | | Rainfall in Kharif Months. | | | | | | | | | | | | | |
| | | | | | | | April. | | May. | | June. | | July. | | August. | | September. | | Total. | |
| | | | 1889. | 1888. | Increase. | Decrease. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. |
| Lahore ... ... ... | 2,334,552 | 1,164,921 | 19,843 | 18,270 | 1,573 | ... | ... | ... | 1·6 | ... | 1·3 | 0·3 | 7·7 | 4·1 | 3·5 | 7·5 | 0·7 | ... | 14·8 | 11·9 |
| Montgomery ... ... | 3,567,750 | 357,622 | 64,575 | 66,886 | ... | 2,311 | 0·1 | ... | 1·0 | ... | 0·1 | 0·5 | 1·8 | 3·0 | 0·8 | 3·8 | 0·2 | ... | 4·0 | 7·3 |
| Montgomery (Lower Sohág and Pára Canal). | Given | above. | 34,746 | 28,707 | 6,039 | ... | ... | ... | ... | ... | ... | ... | Given | above. | ... | ... | ... | ... | ... | ... |
| Mooltan ... ... | 3,763,200 | 799,360 | * 212,999 | † 190,363 | 22,636 | ... | 0·1 | ... | 0·6 | ... | 0·8 | ... | 1·1 | 1·9 | 3·5 | 0·7 | ... | ... | 6·1 | 2·6 |
| Mooltan (Sidhnai Canal) ... | Given | above. | ‡ 63,143 | § 53,755 | 9,388 | ... | ... | ... | ... | ... | ... | ... | Given | above. | ... | ... | ... | ... | ... | ... |
| Muzaffargarh ... ... | 2,007,819 | 397,529 | 146,962 | 139,372 | 7,590 | ... | 0·4 | ... | 0·3 | ... | 0·1 | ... | 0·8 | ... | 2·9 | 0·3 | ... | ... | 4·5 | 0·3 |
| Dera Ghází Khan ... ... | 2,801,280 | 1,008,000 | 153,154 | 148,820 | 4,334 | ... | 0·1 | ... | 0·5 | 0·1 | 0·2 | 0·3 | ... | 0·1 | 0·32 | 4·9 | ... | ... | 1·12 | 5·4 |
| Gujránwála ... ... | 1,637,425 | 529,270 | 27,377 | 26,917 | 460 | ... | 0·1 | ... | 1·2 | 0·6 | 0·2 | 0·8 | 6·0 | 4·1 | 8·9 | 16·5 | 0·6 | ... | 17·0 | 22·0 |
| Shahpur ... ... | 3,031,700 | 585,491 | 9,092 | 10,391 | ... | 1,299 | 0·2 | ... | 0·4 | 0·4 | 0·7 | 0·4 | 1·0 | 3·5 | 4·6 | 4·0 | 0·6 | ... | 7·5 | 8·3 |
| Total Inundation Canals ... | 19,143,726 | 4,842,193 | 731,891 | 683,481 | 52,020 | 3,610 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| | | Acres. |
|---|---|---|
| Area irrigated in 1888 | ... ... | 683,481 |
| " " 1889 | ... ... | 731,891 |
| Net increase | ... | 48,410 |

* Includes area dried up, 25,458 acres.
† Ditto ditto, 22,744 "
‡ Ditto ditto, 10,542 "
§ Ditto ditto, 5,766 "

Lahore:
*The 28th April 1890.*

F. J. HOME, Lieut.-Colonel R.E.,
*Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

## STATEMENT No. II.

### Irrigation Operations of the Kharif Crop of 1889 on Inundation Canals.

*Statement in Acres of Crops irrigated in Canal Districts.*

| Description of Crops. | Lahore. | Montgomery. | Montgomery (Lower Sohág and Pára Canal). | Mooltan. | Mooltan (Sidhnai Canal). | Muzaffar-garh. | Dera Gházi Khan. | Gujránwála (Chenab Canal). | Shahpur. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| Sugar-cane ... ... | 37 | 60 | 2 | 2,207 | 132 | 4,705 | 28 | 1,332 | 41 | 8,544 |
| Rice ... ... ... | 4,714 | 12,251 | 1,124 | 12,288 | 3,462 | 26,780 | 17,450 | 11,005 | 3 | 89,077 |
| Cotton ... ... ... | 2,089 | 12,970 | 8,503 | 36,881 | 17,074 | 25,757 | 32,355 | 4,409 | 5,136 | 145,174 |
| Indigo ... ... ... | ... | 21 | ... | 53,296 | 1,654 | 50,141 | 17,567 | ... | ... | 122,679 |
| Maize ... ... ... | 1,911 | 2,330 | 1,533 | 441 | 211 | 6 | ... | 353 | 24 | 6,809 |
| Jowár and Bájra ... ... | 186 | 549 | 1,808 | 61,792 | 20,003 | 24,280 | 50,343 | 8,806 | 686 | 168,453 |
| Others ... ... ... | 10,906 | 36,394 | 21,776 | * 46,094 | † 20,607 | 15,293 | 35,411 | 1,472 | 3,202 | 191,155 |
| Total Kharif, 1889 ... | 19,843 | 64,575 | 34,746 | 212,999 | 63,143 | 146,962 | 153,154 | 27,377 | 9,092 | 731,891 |
| Total Kharif, 1888 ... | 18,270 | 66,886 | 28,707 | 190,363 | 53,755 | 139,372 | 148,820 | 26,917 | 10,391 | 683,481 |

* Includes area dried up, 25,458 acres.
† Ditto ditto, 10,542 „

Lahore:
*The 28th April 1890.*

F. J. HOME, Lieut.-Colonel, R. E.,
*Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

## STATEMENT No. III.

### IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1889 ON INUNDATION CANALS.

*Statement in Acres of Crops irrigated in Canal Divisions.*

| DESCRIPTION OF CROPS. | Upper Sutlej Canals. | Lower Sohág and Pára Canal. | Lower Sutlej and Chenab Canals. | Sidhnai Canal. | Muzaffargarh Canals. | Indus Canals. | Chenab Canal. | Shahpur Canals. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|
| Sugar-cane ... ... ... | 97 | 2 | 2,207 | 132 | 4,705 | 28 | 1,332 | 41 | 8,544 |
| Rice ... ... ... ... | 16,965 | 1,124 | 12,288 | 3,462 | 26,780 | 17,450 | 11,005 | 3 | 89,077 |
| Cotton ... ... ... | 15,059 | 8,503 | 36,881 | 17,074 | 25,757 | 32,355 | 4,409 | 5,136 | 145,174 |
| Indigo ... ... ... | 21 | ... | 53,296 | 1,654 | 50,141 | 17,567 | ... | ... | 122,679 |
| Maize .. ... ... | 4,241 | 1,533 | 441 | 211 | 6 | ... | 353 | 24 | 6,809 |
| Jowár and Bájra ... ... ... | 735 | 1,808 | 61,792 | 20,003 | 24,280 | 50,343 | 8,806 | 686 | 168,453 |
| Others ... ... ... | 47,300 | 21,776 | * 46,094 | † 20,607 | 15,293 | 35,411 | 1,472 | 3,202 | 191,155 |
| TOTAL KHARIF, 1889 ... | 84,418 | 34,746 | 212,999 | 63,143 | 146,962 | 153,154 | 27,377 | 9,092 | 731,891 |
| TOTAL KHARIF, 1888 ... | 85,156 | 28,707 | 190,363 | 53,755 | 139,372 | 148,820 | 26,917 | 10,391 | 683,481 |

* Includes area dried up, 25,458 acres.
† Ditto ditto, 10,542 „

LAHORE:
*The 28th April 1890.*

F. J. HOME, LIEUT.-COLONEL, R.E.,
*Joint-Secretary to Government, Punjab, P. W. D.,*
*Irrigation Branch.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of March* 1890.

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 188 | |
| Receipts. — Tollage | Private boats | | Rs. | 222 | |
| | Government boats | | ,, | 19 | |
| | Rafts | | ,, | 46 | |
| Receipts. | Hire of Government boats | | ,, | 29 | |
| | | Total | ,, | 316 | |
| Cost of Navigation Establishment | | | ,, | *1,435 | * Includes maintenance charges. |
| Net loss during month | | | ,, | 1,119 | |
| Boats plying. — Number | | Cargo | No. | 38 | |
| | | Passengers | ,, | 9 | |
| Boats plying. — Tonnage | | Cargo | Tons | 539 | |
| | | Passengers | ,, | 27 | |
| Ton mileage | | Up | ,, | 16,002 | |
| | | Down | ,, | 8,865 | |
| | | Total | ,, | 24,867 | |
| Estimated value | | Up | Rs. | 24,959 | |
| | | Down | ,, | 9,479 | |
| | | Total | ,, | 34,438 | |
| Number of passengers | | | No. | 603 | |
| Rafts | | Contents—Down | C. ft. | 4,158 | |
| | | Estimated value | Rs. | 2.588 | |
| Tollage on boats per ton per mile | | | Pie | 1½ | |
| Do. rafts per 100 cubic feet | | | Re. | 1-2-0 | |
| Description and quantities of goods carried. — Grain | | Up | Tons | 178 | |
| | | Down | ,, | 6 | |
| | | Total | ,, | 184 | |
| Cotton | | Up | ,, | 2 | |
| Salt | | Up | ,, | 110 | |
| Metals | | Up | ,, | 11 | |
| | | Down | ,, | 13 | |
| | | Total | ,, | 24 | |
| Building materials | | Up | ,, | 241 | |
| | | Down | ,, | 53 | |
| | | Total | ,, | 294 | |
| Fuel | | Up | ,, | 93 | |
| | | Down | ,, | 16 | |
| | | Total | ,, | 109 | |
| Timber | | Up | ,, | 2 | |
| | | Down | ,, | 100 | |
| | | Total | ,, | 102 | |
| Bamboos, &c. | | Down | ,, | 13 | |
| Miscellaneous | | Up | ,, | 22 | |
| | | Down | ,, | 10 | |
| | | Total | ,, | 32 | |
| Total Traffic | | Up | ,, | 659 | |
| | | Down | ,, | 211 | |
| | | Total | ,, | 870 | |
| Rafts. | Logs, round and squared—Down | | ,, | 29 | |
| | Sleepers, broad gauge | Down | ,, | 11 | |
| | Sleepers, metre gauge—Down | | ,, | 8 | |
| | Ballas and Karries—Down | | ,, | 10 | |
| | Bamboos and Reeds—Down | | ,, | 1 | |
| | | Total Rafts | ,, | 59 | |

LAHORE:
*The 29th April* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of March* 1890.

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 230 | |
| Receipts. Tollage. | Private boats | | Rs. | 261 | |
| | Government boats | | " | 10 | |
| | Rafts | | " | 9,273 | |
| | | Total | " | 9,544 | |
| Cost of Navigation Establishment | | | " | * 753 | * Includes maintenance charges. |
| Net Revenue during month | | | " | 8,791 | |
| Boats plying. | Number | Cargo... | No. | 58 | |
| | | Passengers | " | ... | |
| | Tonnage | Cargo... | Tons | 1,110 | |
| | | Passengers | " | ... | |
| Ton mileage | | Up | " | 72,356 | |
| | | Down | " | 55,938 | |
| | | Total | " | 128,294 | |
| Estimated value of cargo | | Up | Rs. | 5,295 | |
| | | Down | " | 18,837 | |
| | | Total | " | 24,132 | |
| Number of passengers | | | No. | ... | |
| Rafts | | Contents, Down | C. ft. | 463,295 | |
| | | Estimated value | Rs. | 226,164 | |
| Tollage on boats per ton per mile | | | Pie. | 0·4 | |
| Do. rafts per 100 cubic feet | | | Rs. | 2-0-·03 | |
| Description and quantities of goods carried. | Grain | Up | Tons. | 55 | |
| | | Down | " | 143 | |
| | | Total | " | 198 | |
| | Cotton | Down | " | 14 | |
| | Metals | Up | " | 3 | |
| | Building materials | Up | " | 193 | |
| | Fuel | Up | " | 20 | |
| | | Down | " | 150 | |
| | | Total | " | 170 | |
| | Timber | Down | " | 20 | |
| | Miscellaneous | Up | " | 21 | |
| | | Down | " | 16 | |
| | | Total | " | 37 | |
| | Total Traffic | Up | " | 292 | |
| | | Down | " | 343 | |
| | | Total | " | 635 | |
| | Rafts. | Logs round and squared—Down | " | 1 | |
| | | Sleepers, broad gauge—Down | " | 1,725 | |
| | | Sleepers, metre gauge—Down | " | 1,066 | |
| | | Ballas and Karries—Down | " | 2,993 | |
| | | Total Rafts | " | 5,785 | |

LAHORE:
*The 29th April* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

**WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 5th APRIL 1890.**

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar | Hissar ... | 14,167 | 3 | 2 | 5 | 6 | 3 | 3 | ... | ... | 4 | ... | ... | 2 | ... | 1 | 1 | 18 | 22 |
| 2 | Hissar | Hansi ... | 12,656 | 8 | 3 | 11 | 12 | 8 | 4 | ... | ... | 7 | ... | ... | 5 | ... | 1 | 1 | 45 | 49 |
| 3 | Hissar | Bhiwani ... | 33,762 | 8 | 9 | 17 | 28 | 16 | 12 | ... | ... | 13 | 5 | ... | 10 | 2 | 2 | 4 | 26 | 43 |
| 4 | Hissar | Sirsa ... | 12,292 | 4 | 2 | 6 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | ... | ... | ... | 26 | 26 |
| 5 | Rohtak | Rohtak ... | 15,699 | 6 | 2 | 8 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | 1 | 2 | 3 | 27 | 23 |
| 6 | Rohtak | Jhajjar ... | 11,650 | 3 | 1 | 4 | 9 | 4 | 5 | ... | ... | 3 | ... | ... | 6 | 2 | ... | 2 | 18 | 40 |
| 7 | Gurgaon | Rewari ... | 24,445 | 3 | 1 | 4 | 8 | 3 | 5 | ... | ... | 5 | 2 | ... | 1 | 1 | 1 | 2 | 8 | 17 |
| 8 | Gurgaon | Palwal ... | 10,635 | 2 | 4 | 6 | 15 | 10 | 5 | ... | ... | 11 | ... | ... | 4 | 2 | 1 | 3 | 29 | 74 |
| 9 | Delhi | Delhi ... | 117,363 | 36 | 43 | 79 | 153 | 83 | 70 | ... | 1 | 88 | 6 | ... | 58 | 19 | 20 | 39 | 35 | 68 |
| 10 | Delhi | " Suburbs ... | 52,882 | 10 | 8 | 18 | 38 | 23 | 15 | ... | ... | 34 | ... | ... | 4 | 3 | ... | 3 | 18 | 37 |
| 11 | Delhi | Sonepat ... | 13,077 | 3 | 2 | 5 | 17 | 12 | 5 | ... | 3 | 13 | ... | ... | 1 | 2 | 1 | 3 | 20 | 68 |
| 12 | Karnal | Karnal ... | 23,133 | 2 | 4 | 6 | 23 | 18 | 5 | ... | 4 | 10 | 1 | ... | 8 | 5 | ... | 5 | 14 | 52 |
| 13 | Karnal | Kaithal ... | 14,754 | 4 | 2 | 6 | 4 | 1 | 3 | ... | ... | 2 | ... | ... | 2 | ... | ... | ... | 21 | 14 |
| 14 | Karnal | Panipat ... | 26,572 | 4 | 4 | 8 | 16 | 5 | 11 | ... | 4 | 6 | 1 | ... | 5 | 1 | 3 | 4 | 16 | 31 |
| 15 | Umballa | Umballa ... | 26,777 | 10 | 5 | 15 | 14 | 10 | 4 | ... | ... | 7 | ... | ... | 7 | 2 | 1 | 3 | 29 | 27 |
| 16 | Umballa | Jagadhri ... | 12,300 | 4 | 7 | 11 | 7 | 3 | 4 | ... | 1 | 2 | ... | ... | 4 | ... | ... | ... | 46 | 30 |
| 17 | Umballa | Shahabad ... | 10,218 | ... | ... | ... | 15 | 9 | 6 | ... | 4 | 8 | 1 | ... | 2 | 2 | 1 | 3 | ... | 77 |
| 18 | Umballa | Sadhaura ... | 10,794 | 4 | 4 | 8 | 3 | 2 | 1 | ... | ... | 2 | ... | ... | 1 | 1 | ... | 1 | 39 | 14 |
| 19 | Umballa | Rupar ... | 10,326 | 3 | 4 | 7 | 5 | 3 | 2 | ... | ... | 3 | 1 | ... | 1 | 1 | 1 | 2 | 35 | 25 |
| 20 | Hoshiarpur | Hoshiarpur ... | 13,263 | 4 | 5 | 9 | 8 | 6 | 2 | ... | ... | 3 | 1 | ... | 4 | ... | ... | ... | 35 | 31 |
| 21 | Hoshiarpur | Tanda and Urmar ... | 10,295 | 5 | 5 | 10 | 3 | 2 | 1 | ... | ... | 2 | ... | ... | 1 | 1 | ... | 1 | 51 | 15 |
| 22 | Jullundur | Jullundur ... | 31,177 | 15 | 10 | 25 | 34 | 19 | 15 | ... | ... | 17 | ... | ... | 17 | 6 | 1 | 7 | 42 | 57 |
| 23 | Jullundur | " Suburbs ... | 11,474 | 3 | 6 | 9 | 7 | 6 | 1 | ... | ... | ... | 1 | ... | 6 | 1 | 1 | 2 | 41 | 32 |
| 24 | Jullundur | Rahon ... | 11,736 | 6 | 3 | 9 | 6 | 2 | 4 | ... | ... | 5 | 1 | ... | ... | ... | 1 | 1 | 40 | 27 |
| 25 | Ludhiana | Ludhiana ... | 44,163 | 13 | 6 | 19 | 30 | 17 | 13 | ... | ... | 24 | 1 | ... | 5 | 2 | 3 | 5 | 22 | 35 |
| 26 | Ludhiana | Jagraon ... | 16,873 | 5 | 6 | 11 | 6 | 2 | 4 | ... | ... | 1 | ... | ... | 5 | 1 | 3 | 4 | 34 | 19 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 3 | 4 | 7 | 11 | 8 | 3 | ... | ... | 6 | 3 | ... | 2 | 4 | ... | 4 | 17 | 27 |
| 28 | Mooltan | Mooltan ... | 31,878 | 3 | 11 | 14 | 19 | 13 | 6 | ... | ... | 7 | 1 | ... | 11 | 4 | 5 | 9 | 23 | 31 |
| 29 | Mooltan | " Suburbs ... | 25,593 | 6 | 6 | 12 | 13 | 7 | 6 | ... | ... | 6 | ... | ... | 7 | 4 | 3 | 7 | 24 | 27 |
| 30 | Jhang | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | Jhang | Chiniot ... | Returns not received. | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 26 | 32 | 58 | 81 | 49 | 32 | ... | 1 | 54 | 3 | ... | 23 | 12 | 5 | 17 | 31 | 43 |
| 33 | | " Suburbs ... | 41,670 | 6 | 3 | 9 | 17 | 9 | 8 | ... | ... | 11 | ... | ... | 6 | 1 | ... | 1 | 11 | 21 |
| 34 | | Kasur ... | 17,336 | 7 | 5 | 12 | 13 | 7 | 6 | ... | ... | 11 | ... | ... | 2 | 1 | 1 | 2 | 36 | 39 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 46 | 34 | 80 | 162 | 85 | 77 | ... | ... | 63 | 8 | 1 | 90 | 13 | 21 | 34 | 29 | 58 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 8 | 4 | 12 | 16 | 5 | 11 | ... | 1 | 12 | 1 | ... | 2 | 1 | 1 | 2 | 26 | 34 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 11 | 9 | 20 | 23 | 14 | 9 | ... | 1 | 4 | ... | ... | 18 | ... | 1 | 1 | 31 | 35 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 9 | 14 | 6 | 1 | 5 | ... | ... | 1 | ... | ... | 5 | ... | ... | ... | 39 | 17 |
| 39 | | Jalalpur ... | 12,839 | 3 | 4 | 7 | 8 | 5 | 3 | ... | ... | 5 | 1 | ... | 2 | ... | 1 | 1 | 28 | 32 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 8 | 4 | 12 | 14 | 10 | 4 | ... | 3 | 3 | ... | 1 | 7 | 4 | 1 | 5 | 27 | 32 |
| 41 | | Wazirabad ... | 16,462 | 1 | 9 | 10 | 6 | 3 | 3 | ... | 1 | 4 | ... | ... | 1 | 1 | ... | 1 | 32 | 19 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 5 | 2 | 7 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | 2 | ... | 2 | 24 | 21 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 3 | 2 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 9 | 9 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 4 | 10 | 10 | 7 | 3 | ... | ... | 7 | 1 | ... | 2 | 1 | 1 | 2 | 31 | 31 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 11 | 9 | 20 | 22 | 12 | 10 | ... | ... | 8 | 1 | ... | 13 | ... | 2 | 2 | 38 | 41 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 23 | 11 | 34 | 23 | 16 | 7 | ... | ... | 13 | ... | ... | 10 | 4 | ... | 4 | 30 | 20 |
| 47 | Kohat ... | Kohat ... | 13,490 | ... | 3 | 3 | 3 | ... | 3 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 12 | 12 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 1 | 2 | 3 | 7 | 2 | 5 | ... | ... | 2 | 4 | ... | 1 | ... | 3 | 3 | 8 | 19 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 3 | 3 | 6 | 6 | 3 | 3 | ... | ... | ... | ... | ... | 6 | ... | 1 | 1 | 16 | 16 |
| | Birth and death rate of London for the week ending 15th March 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32·0 | 20·9 |
| | | Grand Total ... | 1,288,025 | 352 | 317 | 669 | 949 | 537 | 412 | ... | 24 | 502 | 45 | 2 | 376 | 107 | 90 | 197 | 27 | 38 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 5 | ... | 5 | 15 | 12 | 3 | ... | 1 | 13 | ... | ... | 1 | 1 | 1 | 2 | 21 | 64 |
| | Dharmsala ... | ... ... ... | 3,839 | ... | 2 | 2 | 4 | 4 | ... | ... | ... | ... | ... | ... | 4 | 1 | ... | 1 | 27 | 54 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 29th April 1890.*

A. STEPHEN, SURGEON MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 5th April 1890.*

*General Results.*—The return is incomplete, the registers for the districts of Jhang and Muzaffargarh not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 10,465 against 10,607 in the previous week and 7,356 in the corresponding week of the past year, giving respectively an annual death-rate of 30·1, 30·5 and 21·2 per 1,000 of population. The death-rate is very much above the average of this time of the year. The average death-rate of the month of April for the five years 1885—1889 was 22·8 per 1,000

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 259 deaths were registered against 243 in the previous week and 163 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,199 deaths against 7,484 in the previous week and 4,973 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 240 deaths against 241 and 213.

*Chest disease.*—Six hundred and ninety-five against 719 and 524.

*Snake-bite.*—Four against 4 and 6.

*Hydrophobia.*—One against 1 and 2.

*All other causes.*—Two thousand and sixty-seven against 1,915 in the previous week and 1,475 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand four hundred and sixty-two deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,354 were males and 1,108 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 949 deaths were registered (537 males and 412 females), giving a death-rate of 38 per mille of population; 669 births were registered (352 males and 317 females), giving a birth-rate of 27 per mille of population. The average death-rate of the 47 large Municipal towns for the week is 8 per 1,000 higher than that of the Province as a whole.

LAHORE: } A. STEPHEN, SURGEON-MAJOR,

*The 29th April 1890.* } *Sanitary Commissioner, Punjab.*

**MORTUARY RETURN FOR**

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | Cholera. | | | CAUSE — Small-pox. Children under one year. | | One to under 12 years. | | Twelve and over 12 years. | | Total of Small-pox. | Fevers. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Males. | Females. | Total. | Males. | Females. | Males. | Females. | Males. | Females. | | Males. | Females. | Total. |
| 1 | Hissar ... | 672,569 | 1,474 | 1,818 | 26 | 32 | ... | ... | ... | 5 | 5 | 19 | 16 | 1 | ... | 46 | 767 | 581 | 1,348 |
| 2 | Rohtak ... | 553,609 | 1,223 | 1,315 | 26 | 28 | ... | ... | ... | ... | 1 | 4 | 3 | 1 | ... | 9 | 588 | 441 | 1,029 |
| 3 | Gurgaon ... | 641,848 | 1,477 | 2,076 | 27 | 38 | ... | ... | ... | 8 | 6 | 90 | 65 | 2 | 2 | 173 | 905 | 657 | 1,562 |
| 4 | Delhi ... | 643,515 | 1,792 | 2,275 | 33 | 42 | ... | ... | ... | ... | 5 | 9 | 7 | 1 | ... | 22 | 893 | 699 | 1,592 |
| 5 | Karnál ... | 645,298 | 2,001 | 2,173 | 37 | 40 | ... | ... | ... | 21 | 14 | 55 | 29 | 1 | 9 | 129 | 857 | 655 | 1,512 |
| 6 | Umballa ... | 1,032,665 | 2,329 | 2,065 | 27 | 24 | ... | ... | ... | 5 | 1 | 17 | 18 | 5 | 4 | 50 | 892 | 724 | 1,616 |
| 7 | Simla ... | 42,945 | 46 | 88 | 13 | 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 9 | 31 |
| 8 | Kángra ... | 730,845 | 2,161 | 1,858 | 35 | 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 661 | 574 | 1,235 |
| 9 | Hoshiárpur | 901,381 | 4,069 | 2,687 | 53 | 35 | ... | ... | ... | 6 | 2 | 11 | 11 | 1 | 2 | 33 | 987 | 793 | 1,780 |
| 10 | Jullundur ... | 789,555 | 3,100 | 1,787 | 46 | 27 | ... | ... | ... | 1 | 1 | 4 | 1 | ... | ... | 7 | 608 | 503 | 1,111 |
| 11 | Ludhiána ... | 618,835 | 2,052 | 1,475 | 39 | 28 | ... | ... | ... | 3 | 3 | 36 | 19 | ... | 1 | 62 | 527 | 396 | 923 |
| 12 | Ferozepore | 747,329 | 2,684 | 1,974 | 42 | 31 | ... | ... | ... | 12 | 13 | 28 | 19 | 1 | ... | 73 | 709 | 533 | 1,242 |
| 13 | Mooltan ... | 551,964 | 1,377 | 1,236 | 29 | 26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 559 | 375 | 934 |
| 14 | Jhang ... | 395,296 | 1,176 | 728 | 35 | 22 | ... | ... | ... | 1 | 1 | ... | ... | 1 | ... | 3 | 222 | 169 | 391 |
| 15 | Montgomery | 426,529 | 1,444 | 820 | 40 | 23 | ... | ... | ... | 4 | 8 | 9 | 13 | 4 | 5 | 43 | 265 | 202 | 467 |
| 16 | Lahore ... | 924,106 | 3,297 | 2,255 | 42 | 29 | ... | ... | ... | ... | ... | 4 | 1 | ... | 1 | 6 | 818 | 657 | 1,475 |
| 17 | Amritsar ... | 893,266 | 3,212 | 2,701 | 42 | 36 | ... | ... | ... | 2 | 1 | 8 | 7 | 2 | 1 | 21 | 819 | 655 | 1,474 |
| 18 | Gurdáspur | 823,695 | 3,284 | 2,328 | 47 | 33 | ... | ... | ... | 8 | 4 | 13 | 10 | 4 | 3 | 42 | 917 | 674 | 1,591 |
| 19 | Siálkot ... | 1,012,148 | 4,297 | 3,413 | 50 | 40 | ... | ... | ... | 17 | 27 | 61 | 57 | 5 | 6 | 173 | 1,050 | 860 | 1,910 |
| 20 | Gujrát ... | 689,115 | 2,232 | 1,623 | 38 | 28 | ... | ... | ... | 10 | 13 | 33 | 25 | 2 | ... | 83 | 534 | 456 | 990 |
| 21 | Gujránwála | 616,892 | 2,112 | 1,560 | 40 | 30 | ... | ... | ... | 3 | 2 | 7 | 10 | 2 | ... | 24 | 660 | 487 | 1,147 |
| 22 | Shahpur ... | 421,508 | 1,128 | 736 | 32 | 21 | ... | ... | ... | ... | ... | 2 | 3 | ... | ... | 5 | 288 | 218 | 506 |
| 23 | Jhelum ... | 589,373 | 1,728 | 1,598 | 35 | 32 | ... | ... | ... | 2 | 2 | 4 | 7 | ... | ... | 15 | 685 | 554 | 1,239 |
| 24 | Ráwalpindi | 820,512 | 2,555 | 2,774 | 37 | 40 | ... | ... | ... | 2 | 1 | 3 | ... | 2 | 1 | 9 | 1,321 | 969 | 2,290 |
| 25 | Hazára ... | 407,075 | 1,646 | 779 | 48 | 23 | ... | ... | ... | ... | ... | 1 | 2 | 1 | ... | 4 | 326 | 326 | 652 |
| 26 | Pesháwar ... | 592,674 | 8[illegible]1 | 971 | 18 | 19 | ... | ... | ... | 2 | 3 | 6 | 14 | ... | ... | 25 | 479 | 340 | 819 |
| 27 | Kohát ... | 181,540 | 433 | 438 | 28 | 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 | 156 | 376 |
| 28 | Bannu ... | 332,577 | 758 | 964 | 27 | 34 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 524 | 386 | 910 |
| 29 | D. I. Khan | 441,649 | 763 | 791 | 20 | 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 394 | 298 | 692 |
| 30 | D. G. Khan | 363,346 | 435 | 365 | 14 | 12 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 196 | 140 | 336 |
| 31 | Muzaffargarh | 338,605 | 1,046 | 690 | 36 | 24 | ... | ... | ... | 1 | 1 | 2 | ... | ... | ... | 4 | 391 | 276 | 667 |
| | Total ... | 18,842,264 | 58,222 | 48,361 | 36 | 30 | ... | ... | ... | 114 | 114 | 426 | 338 | 36 | 35 | 1,063 | 19,084 | 14,763 | 33,847 |
| | Total in previous month ... | ... | 57,870 | 47,223 | 40 | 33 | ... | ... | ... | 104 | 79 | 278 | 247 | 33 | 27 | 768 | 18,486 | 14,569 | 33,055 |
| | Total in same month of past year ... | ... | 59,399 | 34,880 | 37 | 22 | 1 | ... | 1 | 121 | 111 | 256 | 243 | 41 | 39 | 811 | 12,682 | 10,448 | 23,130 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 29th April* 1890.

THE MONTH OF MARCH 1890.

*the Punjab during the month of March* 1890.

OF DEATH.

| Bowel complaints. | | | Injuries. Suicide. | | | Injuries. Wounding. | | | Injuries. Accidents. | | | Injuries. Snake-bite and killed by wild beasts. | | | All other causes. | | | Total deaths from all causes. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 21 | 10 | 31 | ... | 1 | 1 | 1 | ... | 1 | 4 | ... | 4 | ... | ... | ... | 228 | 159 | 387 | 1,046 | 772 | 1,818 |
| 10 | 8 | 18 | 1 | 1 | 2 | 3 | ... | 3 | 2 | 8 | 10 | ... | ... | ... | 150 | 94 | 244 | 759 | 556 | 1,315 |
| 25 | 16 | 41 | 1 | 3 | 4 | ... | ... | ... | 1 | 6 | 7 | ... | ... | ... | 181 | 108 | 289 | 1,213 | 863 | 2,076 |
| 32 | 24 | 56 | 1 | ... | 1 | ... | ... | ... | 7 | 7 | 14 | ... | ... | ... | 351 | 239 | 590 | 1,294 | 981 | 2,275 |
| 23 | 17 | 40 | ... | 1 | 1 | ... | ... | ... | 3 | 2 | 5 | ... | ... | ... | 267 | 219 | 486 | 1,227 | 946 | 2,173 |
| 31 | 14 | 45 | 2 | ... | 2 | ... | ... | ... | 4 | 2 | 6 | 1 | ... | 1 | 180 | 165 | 345 | 1,137 | 928 | 2,065 |
| 9 | 3 | 12 | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | 28 | 16 | 44 | 59 | 29 | 88 |
| 41 | 41 | 82 | 2 | 1 | 3 | ... | ... | ... | 17 | 5 | 22 | 1 | ... | 1 | 291 | 224 | 515 | 1,013 | 845 | 1,858 |
| 36 | 18 | 54 | ... | 4 | 4 | 1 | ... | 1 | 7 | 6 | 13 | ... | ... | ... | 453 | 349 | 802 | 1,502 | 1,185 | 2,687 |
| 8 | 13 | 21 | 1 | ... | 1 | ... | ... | ... | 6 | 3 | 9 | ... | ... | ... | 320 | 318 | 638 | 948 | 839 | 1,787 |
| 14 | 9 | 23 | ... | 2 | 2 | ... | ... | ... | 5 | 2 | 7 | ... | ... | ... | 241 | 217 | 458 | 826 | 649 | 1,475 |
| 10 | 14 | 24 | ... | ... | ... | 2 | ... | 2 | 1 | 3 | 4 | ... | ... | ... | 331 | 298 | 629 | 1,094 | 880 | 1,974 |
| 10 | 6 | 16 | 1 | ... | 1 | ... | 1 | 1 | 2 | 2 | 4 | ... | ... | ... | 155 | 125 | 280 | 727 | 509 | 1.236 |
| 9 | 7 | 16 | ... | ... | ... | ... | ... | ... | 6 | 1 | 7 | 1 | ... | 1 | 166 | 144 | 310 | 406 | 322 | 728 |
| 4 | 5 | 9 | 1 | ... | 1 | ... | ... | ... | 4 | 1 | 5 | ... | 1 | 1 | 158 | 136 | 294 | 449 | 371 | 820 |
| 25 | 10 | 35 | 2 | ... | 2 | ... | ... | ... | 2 | 5 | 7 | ... | ... | ... | 408 | 322 | 730 | 1,259 | 996 | 2,255 |
| 30 | 15 | 45 | 1 | ... | 1 | 1 | 2 | 3 | 12 | 3 | 15 | 1 | ... | 1 | 615 | 526 | 1,141 | 1,491 | 1,210 | 2,701 |
| 14 | 13 | 27 | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 | ... | ... | ... | 359 | 306 | 665 | 1,316 | 1,012 | 2,328 |
| 41 | 31 | 72 | 1 | 2 | 3 | ... | ... | ... | 4 | ... | 4 | 2 | ... | 2 | 681 | 568 | 1,249 | 1,862 | 1,551 | 3,413 |
| 17 | 10 | 27 | ... | ... | ... | ... | ... | ... | 10 | 1 | 11 | 1 | ... | 1 | 305 | 206 | 511 | 912 | 711 | 1.623 |
| 17 | 11 | 28 | 1 | ... | 1 | ... | ... | ... | 3 | 5 | 8 | ... | ... | ... | 207 | 145 | 352 | 900 | 660 | 1,560 |
| 14 | 12 | 26 | ... | ... | ... | 2 | ... | 2 | 6 | 1 | 7 | 2 | ... | 2 | 111 | 77 | 188 | 425 | 311 | 736 |
| 49 | 43 | 92 | ... | ... | ... | ... | ... | ... | 3 | 3 | 6 | 1 | ... | 1 | 132 | 113 | 245 | 876 | 722 | 1,598 |
| 62 | 43 | 105 | 1 | ... | 1 | 1 | ... | 1 | 9 | 2 | 11 | ... | ... | ... | 198 | 159 | 357 | 1,599 | 1,175 | 2,774 |
| 9 | 3 | 12 | ... | ... | ... | 2 | ... | 2 | 2 | 6 | 8 | ... | ... | ... | 51 | 50 | 101 | 392 | 387 | 779 |
| 7 | 5 | 12 | ... | ... | ... | 1 | ... | 1 | 2 | 1 | 3 | ... | ... | ... | 75 | 36 | 111 | 572 | 399 | 971 |
| 2 | ... | 2 | ... | ... | ... | 2 | ... | 2 | 3 | 3 | 6 | ... | ... | ... | 27 | 25 | 52 | 254 | 184 | 438 |
| 7 | 4 | 11 | ... | ... | ... | 1 | ... | 1 | 3 | 1 | 4 | ... | ... | ... | 23 | 14 | 37 | 559 | 405 | 964 |
| 43 | 30 | 73 | ... | ... | ... | ... | ... | ... | 5 | 2 | 7 | ... | 1 | 1 | 13 | 5 | 8 | 455 | 336 | 791 |
| 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 5 | 1 | 6 | ... | ... | ... | 13 | 8 | 21 | 215 | 150 | 365 |
| 1 | 1 | 2 | ... | ... | ... | ... | ... | ... | ... | 2 | 2 | ... | ... | ... | 5 | 10 | 15 | 400 | 290 | 690 |
| 622 | 436 | 1058 | 16 | 15 | 31 | 17 | 3 | 20 | 139 | 87 | 226 | 10 | 2 | 12 | 6,723 | 5,381 | 12,104 | 27,187 | 21,174 | 48,361 |
| 605 | 432 | 1037 | 8 | 11 | 19 | 20 | 11 | 31 | 129 | 109 | 238 | 14 | 4 | 18 | 6,600 | 5,457 | 12,057 | 26,277 | 20,946 | 47,223 |
| 496 | 342 | 838 | 9 | 15 | 24 | 16 | 11 | 27 | 202 | 141 | 343 | 29 | 13 | 42 | 5,255 | 4,409 | 9,664 | 19,108 | 15,772 | 34,880 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Fifty-eight thousand two hundred and twenty-two births were registered in the Province during the month of March 1890, giving a birth-rate of 36 per mille of population. Of the total number of births, 30,892 were boys and 27,330 were girls.

The total number of deaths registered from all causes in the Province during the month of March 1890 was 48,361 against 47,223 in the previous month and 34,880 in the corresponding month of the past year, giving an annual death-rate of 30, 33 and 22 per mille of population per annum respectively. Thirty per 1,000 is a very high death-rate for the month of March. The average death-rate of March for the five years 1885—1889 was 22 per 1,000.

There was not a single death registered under the head of cholera.

From small-pox 1,063 deaths were registered against 768 in the previous month and 811 in the corresponding month of the past year; fevers 33,847 against 33,055 and 23,130; bowel complaints 1,058 against 1,037 and 838.

During the month there were 31 deaths registered from suicide against 19 in the past month; wounding 20 against 31; accidents 226 against 238; snake-bite and killed by wild beasts 12 against 18; and from all other causes 12,104 against 12,057 and 9,664 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The* 29*th April* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

***Statement showing the Number of Births registered according to Classes in the several Districts of the Punjab during the month of March* 1890.**

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 592 | 488 | 1,080 | 218 | 176 | 394 | ... | ... | ... | 810 | 664 | 1,474 | 26 |
| 2 | Rohtak ... | ... | ... | ... | 547 | 469 | 1,016 | 113 | 94 | 207 | ... | ... | ... | 660 | 563 | 1,223 | 26 |
| 3 | Gurgaon ... | ... | ... | ... | 511 | 466 | 977 | 274 | 226 | 500 | ... | ... | ... | 785 | 692 | 1,477 | 27 |
| 4 | Delhi ... | ... | 2 | 2 | 667 | 669 | 1,336 | 230 | 224 | 454 | ... | ... | ... | 897 | 895 | 1,792 | 33 |
| 5 | Karnál ... | ... | ... | ... | 794 | 686 | 1,480 | 285 | 236 | 521 | ... | ... | ... | 1,079 | 922 | 2,001 | 37 |
| 6 | Umballa ... | ... | ... | ... | 871 | 706 | 1,577 | 400 | 352 | 752 | ... | ... | ... | 1,271 | 1,058 | 2,329 | 27 |
| 7 | Simla ... | ... | ... | ... | 26 | 18 | 44 | 1 | 1 | 2 | ... | ... | ... | 27 | 19 | 46 | 13 |
| 8 | Kángra ... | ... | ... | ... | 1,067 | 979 | 2,046 | 62 | 53 | 115 | ... | ... | ... | 1,129 | 1,032 | 2,161 | 35 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,416 | 1,293 | 2,709 | 721 | 639 | 1,360 | ... | ... | ... | 2,137 | 1,932 | 4,069 | 53 |
| 10 | Jullundur ... | ... | ... | ... | 818 | 749 | 1,567 | 784 | 749 | 1,533 | ... | ... | ... | 1,602 | 1,498 | 3,100 | 46 |
| 11 | Ludhiána ... | ... | 2 | 2 | 655 | 612 | 1,267 | 420 | 363 | 783 | ... | ... | ... | 1,075 | 977 | 2,052 | 39 |
| 12 | Ferozepore ... | ... | ... | ... | 671 | 542 | 1,213 | 772 | 699 | 1,471 | ... | ... | ... | 1,443 | 1,241 | 2,684 | 42 |
| 13 | Mooltan ... | ... | ... | ... | 118 | 99 | 217 | 629 | 531 | 1,160 | ... | ... | ... | 747 | 630 | 1,377 | 29 |
| 14 | Jhang ... | ... | ... | ... | 119 | 112 | 231 | 511 | 434 | 945 | ... | ... | ... | 630 | 546 | 1,176 | 35 |
| 15 | Montgomery ... | ... | ... | ... | 166 | 150 | 316 | 605 | 522 | 1,127 | ... | 1 | 1 | 771 | 673 | 1,444 | 40 |
| 16 | Lahore ... | ... | ... | ... | 461 | 399 | 860 | 1,275 | 1,162 | 2,437 | ... | ... | ... | 1,736 | 1,561 | 3,297 | 42 |
| 17 | Amritsar ... | ... | 1 | 1 | 870 | 789 | 1,659 | 802 | 750 | 1,552 | ... | ... | ... | 1,672 | 1,540 | 3,212 | 42 |
| 18 | Gurdáspur ... | 4 | 1 | 5 | 843 | 771 | 1,614 | 854 | 811 | 1,665 | ... | ... | ... | 1,701 | 1,583 | 3,284 | 47 |
| 19 | Siálkot ... | 8 | 4 | 12 | 645 | 629 | 1,274 | 1,585 | 1,426 | 3,011 | ... | ... | ... | 2,238 | 2,059 | 4,297 | 50 |
| 20 | Gujrát ... | ... | ... | ... | 142 | 120 | 262 | 1,045 | 924 | 1,969 | 1 | ... | 1 | 1,188 | 1,044 | 2,232 | 38 |
| 21 | Gujránwála ... | ... | ... | ... | 261 | 214 | 475 | 847 | 790 | 1,637 | ... | ... | ... | 1,108 | 1,004 | 2,112 | 40 |
| 22 | Shahpur ... | ... | ... | ... | 83 | 66 | 149 | 506 | 472 | 978 | 1 | ... | 1 | 590 | 538 | 1,128 | 32 |
| 23 | Jhelum ... | ... | ... | ... | 69 | 84 | 153 | 825 | 747 | 1,572 | 1 | 2 | 3 | 895 | 833 | 1,728 | 35 |
| 24 | Ráwalpindi ... | ... | ... | ... | 110 | 100 | 210 | 1,229 | 1,114 | 2,343 | 1 | 1 | 2 | 1,340 | 1,215 | 2,555 | 37 |
| 25 | Hazára ... | ... | ... | ... | 47 | 34 | 81 | 841 | 724 | 1,565 | ... | ... | ... | 888 | 758 | 1,646 | 48 |
| 26 | Peshávar ... | ... | ... | ... | 24 | 19 | 43 | 536 | 310 | 846 | 1 | 1 | 2 | 561 | 330 | 891 | 18 |
| 27 | Kohát ... | ... | ... | ... | 10 | 4 | 14 | 246 | 173 | 419 | ... | ... | ... | 256 | 177 | 433 | 28 |
| 28 | Bannu ... | ... | ... | ... | 42 | 22 | 64 | 372 | 322 | 694 | ... | ... | ... | 414 | 344 | 758 | 27 |
| 29 | Dera Ismail Khan | ... | ... | ... | 28 | 30 | 58 | 377 | 328 | 705 | ... | ... | ... | 405 | 358 | 763 | 20 |
| 30 | Dera Gházi Khan | ... | ... | ... | 42 | 24 | 66 | 217 | 150 | 367 | 1 | 1 | 2 | 260 | 175 | 435 | 14 |
| 31 | Muzaffargarh ... | ... | ... | ... | 62 | 49 | 111 | 515 | 419 | 934 | ... | 1 | 1 | 577 | 469 | 1,046 | 36 |
| | Total ... | 12 | 10 | 22 | 12,777 | 11,392 | 24,169 | 18,097 | 15,921 | 34,018 | 6 | 7 | 13 | 30,892 | 27,330 | 58,222 | 36 |

Sanitary Commissioner's Office, Lahore:
*The 29th April* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

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SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 8, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 6th MAY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Scarce. | Rising. | Crops harvested. | ... |
| 2 | Delhi ... | ... | ... | Do. | Harvesting almost over. | Sugarcane cultivation progressing. |
| 3 | Umballa ... | 0·44 | ... | Stationary. | Crops harvested. Outturns poor. | ... |
| 4 | Jullundur ... | ... | Insufficient. | Do. | Threshing of crops in progress. | ... |
| 5 | Ferozepore ... | 0·13 in Zíra ... | Sufficient. | Do. | Threshings in progress. Extra rabi sowings commenced. | ... |
| 6 | Amritsar ... | 0·10 | Do. | Do. | Threshings in progress. Extra rabi sowings completed. No complaints against canal working. | Sugarcane and cotton sowings completed. |
| 7 | Siálkot ... | ... | Scanty. | Do. | ... | The rain during the week is beneficial to kharif sowings. |
| 8 | Lahore ... | 0·10 at Sadr ... | Scarce in dry tracts. | Falling at Lahore and Sharakpur; stationary at Chunián. | Harvesting in progress. Outturns on báráni inferior; elsewhere average. Crops in Sharakpur tahsíl very poor. | Sowings of cotton in progress. |
| 9 | Mooltan ... | ... | Insufficient in Ráwa | Fluctuating. | Condition of crops generally fair. Water flowing in Wali Muhammad and Sikandrabad Canals. | ... |
| 10 | Ráwalpindi ... | 0·13 at Ráwalpindi. 0·37 in Gujar Khan. 0·10 in Murree. 0·33 in Pindigheb. | ... | Rising. | Rabi being reaped. | Kharif is being sown. |
| 11 | Shahpur ... | Slight ... | ... | Stationary. | Crops being reaped. | Crops being sown. |
| 12 | D. I. Khan ... | 0·35 | Average. | Rising. | Reapings of crops nearly finished. Extra rabi in good condition. | Other crops in good condition. |
| 13 | Peshάwar ... | 0·20 | Sufficient. | Stationary. | Reapings commenced. | Prospects of crops muck improved. |

*GENERAL REMARKS.*

Slight rain has fallen in Umballa, Ferozepore, Amritsar, Lahore, Ráwalpindi, Shahpur and Peshάwar. Prices rising in Hissar, Delhi, and Ráwalpindi; fluctuating in Lahore and Mooltan; stationary elsewhere. Harvesting of rabi crops completed in Hissar, Delhi and Umballa; in progress elsewhere; kharif sowings going on in Delhi, Amritsar, Siálkot, Lahore, Rawalpindi, Shahpur and Peshάwar. Prospects of crops average on báráni lands; poor elsewhere. Fodder sufficient in Ferozepore, Amritsar and Shahpur; scarce in other districts.

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*H* = Hail.
*R* = Slight rain not measured.
*D* = Dust storm.

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 27th APRIL 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of April 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 18th April | ... | ... | ... | ... | ... | ... | 0·35 | 0·35 | |
| | Hissar *s* | 19th March | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Hánsi | 18th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak *s* | 20th March | ... | ... | ... | ... | ... | ... | 0·25 | 0·25 | |
| | Gohána | 18th April | ... | ... | ... | ... | ... | 0·20 | 0·20 | 0·40 | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 20th March | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |
| Gurgaon. | Farukhnagar | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Firozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 19th March | ... | ... | ... | ... | ... | 0·36 | ... | 0·36 | |
| | Palwal | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 20th March | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Punahána | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 18th April | ... | ... | ... | ... | ... | 0·20 | 0·12 | 0·32 | |
| | Mahrauli | 21st March | ... | ... | ... | ... | 0·10 | 0·04 | ... | 0·14 | |
| | Sadr (Delhi) *s* | 17th April | ... | ... | ... | ... | H. 0·86 | ... | ... | 0·86 | |
| | Sonepat | 16th Do. | ... | ... | ... | ... | ... | R. | ... | ... | |
| Karnal. | Pánipat | 20th March | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Karnál *s* | 21st Do. | ... | ... | ... | ... | 0·25 | ... | ... | 0·25 | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 19th Do. | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| Umballa. | Pipli | 19th March | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Jagádhri | 18th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa *s* | 17th Do. | ... | ... | ... | ... | 1·00 | ... | ... | 1·00 | |
| | Naráingarh | 18th Do. | ... | ... | ... | ... | ... | 1·79 | 0·10 | 1·89 | |
| | Kharar | 17th Do. | ... | ... | ... | ... | 0·77 | ... | ... | 0·77 | |
| | Rupar | 18th Do. | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Raniki *C* | 4th March | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Dádapur *C* | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli *s* | 18th April | ... | ... | ... | ... | ... | 0·56 | 0·23 | 0·79 | |
| | Barauli | Ditto | ... | ... | ... | ... | ... | 1·10 | 0·03 | 1·13 | |
| | Simla *s* | Ditto | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Kot Khái | Ditto | ... | ... | ... | ... | 1·08 | 0·28 | 0·50 | 1·86 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | 1·08 | 0·28 | 0·50 | 1·86 | |
| | Kilba *s* | 13th April | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 17th April | ... | ... | ... | 0·05 | 1·20 | 0·50 | 0·50 | 2·25 | |
| | Kulu *s* | 18th Do. | ... | ... | ... | ... | 0·11 | 1·10 | 0·75 | 1·96 | |
| | Nagar | Ditto | ... | ... | ... | ... | 1·00 | 0·84 | ... | 1·84 | |
| | Pálampur | Ditto | ... | ... | ... | ... | 0·07 | 1·30 | 0·07 | 1·44 | |
| | Hamírpur | Ditto | ... | ... | ... | ... | R. | 0·80 | 0·04 | 0·84 | |
| | Dera | Ditto | ... | ... | ... | ... | ... | 0·17 | 0·07 | 0·24 | |
| | Kángra | Ditto | ... | ... | ... | ... | ... | 0·67 | 0·05 | 0·72 | |
| | Dharmsála *s* | Ditto | ... | ... | ... | ... | ... | 1·02 | 0·08 | 1·10 | |
| | Núrpur | 17th April | ... | ... | ... | ... | ... | 0·10 | 0·02 | 0·12 | |
| Hoshiarpur. | Dasúya | 25th March | ... | ... | ... | ... | ... | 0·12 | ... | 0·12 | |
| | Una | 16th April | ... | ... | ... | ... | ... | ... | 0·18 | 0·18 | |
| | Garhshankar | 20th March | ... | ... | ... | ... | ... | ... | 0·32 | 0·32 | |
| | Sadr Station | 18th April | ... | ... | ... | ... | ... | 0·01 | ... | 0·01 | |
| | Hoshiárpur | 16th Do. | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of April 1890. Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 20th March | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Nakodar | Ditto | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Phillour | 18th April | ... | ... | ... | ... | ... | 0·04 | ... | 0·04 | |
| | Nawashahr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála | 17th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána s | Ditto | ... | ... | ... | ... | 0·10 | ... | ... | 0 10 | |
| | Jagraon | Ditto | ... | ... | ... | ... | ... | 0·06 | ... | 0·06 | |
| Ferozepore. | Moga | 17th April | ... | ... | ... | ... | ... | ... | 0 16 | 0·16 | |
| | Zíra | 18th Do. | ... | ... | ... | ... | ... | ... | 0·12 | 0 12 | |
| | Ferozepore s | 16th Do. | ... | ... | ... | ... | 0·20 | ... | ... | 0 20 | |
| | Ferozepore city | 17th Do. | ... | ... | ... | ... | ... | 0·08 | ... | 0 08 | |
| | Muktsar | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Mooltan. | Mailsi s | 24th March | ... | ... | ... | ... | ... | 0 80 | ... | 0 80 | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Mooltan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sarai Sidhu | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 22nd Do. | ... | ... | ... | ... | ... | 0·01 | ... | 0·01 | |
| | Chiniot | 17th April | ... | ... | ... | ... | 0·01 | ... | ... | 0·01 | |
| Montgomery. | Gugera | 23rd March | ... | ... | ... | ... | ... | 0 05 | 0·26 | 0·31 | |
| | Montgomery s | Ditto | ... | ... | ... | ... | R. | R. | ... | ... | |
| | Pákpattan | 24th March | .. | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 17th April | ... | ... | ... | ... | R. | 0·01 | ... | 0·01 | |
| Lahore. | Van C b | 24th March | ... | ... | ... | ... | ... | ... | 0·16 | 0·16 | |
| | Chunián | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 17th April | ... | ... | ... | ... | ... | 0·04 | ... | 0·04 | |
| | Pambe C b | 24th March | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | Slight damage to standing crops by hail has been reported by the Tahsíldár of Sharakpur. |
| | Sharakpur | 20th Do. | ... | ... | ... | ... | H. 0·60 | ... | .. | 0·60 | |
| | Niáz Beg C | 25th Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Lahore s | 17th April | ... | ... | ... | ... | ... | 0·63 | ... | 0·63 | |
| | Meean Meer C b | 24th March | ... | ... | ... | ... | ... | 1·35 | .. | 1·35 | |
| | Manihála C | 17th April | ... | ... | ... | ... | ... | ... | 0·22 | 0·22 | |
| | Daftbu C | Ditto | ... | ... | ... | ... | ... | 0·15 | ... | 0 15 | |
| Amritsar. | Buchar C b | 17th April | ... | ... | ... | ... | ... | ... | 0·15 | 0·15 | |
| | Khara C | 18th Do. | ... | ... | ... | ... | ... | ... | 0·63 | 0·63 | |
| | Tarn Táran | 16th Do. | ... | ... | ... | ... | ... | 0·46 | ... | 0·46 | |
| | Raya C | 17th Do. | ... | ... | ... | ... | ... | ... | 0·50 | 0 50 | |
| | Jandiála C | 20th March | ... | ... | ... | ... | ... | ... | 0·49 | 0·49 | |
| | Jail Hospital s | 17th April | ... | ... | ... | ... | ... | 0·80 | 0·04 | 0 84 | |
| | Amritsar Sadr | Ditto | ... | ... | ... | ... | ... | 0·38 | ... | 0·38 | |
| | Amritsar C | 18th April | ... | ... | ... | ... | ... | ... | 0·65 | 0·65 | |
| | Buggeh C | 17th Do. | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Ajnála | 16th Do. | ... | ... | ... | ... | 0·17 | 0·37 | 0·05 | 0·59 | |
| Gurdaspur. | Aliwál C | 21st March | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Batála | 17th April | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Kaler C | 5th March | ... | ... | ... | ... | ... | ... | 0 20 | 0·20 | |
| | Tibri C | 17th April | ... | ... | ... | ... | ... | 0·05 | ... | 0·05 | |
| | Gurdaspur s | 16th Do. | ... | ... | ... | ... | ... | ... | 0·23 | 0·23 | |
| | Bhímpur C | 17th Do. | ... | ... | ... | ... | ... | 0·30 | 0·17 | 0·47 | |
| | Pathánkot | 16th Do. | ... | ... | ... | ... | 0·21 | ... | 0·23 | 0·44 | |
| | Dalhousie s | 18th Do. | ... | 0·34 | ... | R. | 0·09 | 0·89 | 0·24 | 1·56 | |
| | Mádhopur C b | 17th Do. | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Shakargarh | 12th Do. | .. | ... | ... | ... | 0·10 | ... | 0·21 | 0·31 | |
| Siálkot. | Zafarwál | 18th April | ... | ... | ... | ... | ... | 1·30 | 0·22 | 1·52 | |
| | Pasrúr | 21st March | ... | ... | ... | ... | ... | 0·60 | 0·18 | 0·78 | |
| | Raya | Ditto | ... | ... | ... | ... | ... | 0·31 | 0·33 | 0·64 | |
| | Daska | 13th April | ... | ... | ... | ... | ... | 0·80 | ... | 0·80 | |
| | Siálkot s | 18th Do. | ... | ... | ... | ... | ... | 0·35 | ... | 0·35 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of April 1890. Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | Total. | Special Remarks. |
| Gujrat. | Sadr *s* | 25th March | ... | ... | ... | ... | ... | 0·41 | 0·08 | 0·49 | The extra rabi crops have benefited by recent rainfall. Rabi crops are being cut in the district. |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | 0·40 | 0·08 | 0·48 | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | 0·83 | 0·10 | 0·93 | |
| | Phália | 21st March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar | 24th March | ... | ... | ... | ... | 0·13 | ... | 0·50 | 0·63 | The rabi crops that had been cut have been damaged to some extent by the rain, which, however, has admitted of thereby sowings of cotton, jowár and moth in both irrigated and unirrigated lands. Fodder insufficient owing to cessation of harvest operations on account of recent rain. Prices rasing. |
| | Wazirabad | 23rd Do. | ... | ... | ... | ... | 0·40 | ... | 0·40 | 0·80 | |
| | Sadr Kacheri *s* | Ditto | ... | ... | ... | ... | 1·02 | ... | 0·18 | 1·20 | |
| | Shekhupura | 24th March | ... | ... | ... | ... | 0·30 | ... | ... | 0 30 | |
| | Hafizabad | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | 17th April | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| Shahpur. | Midh *s* | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 23rd Do. | ... | 0·13 | ... | ... | ... | ... | ... | 0·13 | |
| | Núrpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | 0 02 | 0·02 | |
| | Sakesar | 24th March | ... | 0·80 | ... | ... | ... | ... | ... | 0·80 | |
| | Naushahra | 13th April | ... | 0·50 | ... | ... | ... | ... | ... | 0 50 | |
| | Khusháb | 12th Do. | ... | ... | ... | ... | ... | ... | 0·01 | 0·01 | |
| | Shahpur *s* | 28th March | ... | 0·22 | ... | ... | 0·03 | ... | ... | 0·25 | |
| | Bhera | 13th April | ... | ... | ... | ... | 0·22 | ... | ... | 0·22 | |
| | Miáni | 25th March | ... | ... | 0·20 | ... | ... | ... | ... | 0 20 | |
| Jhelum. | Pind Dádan Khan | 13th April | ... | ... | 0·07 | ... | 0·08 | 0·02 | ... | 0·17 | |
| | Sadr Station *s* | 19th Do. | ... | ... | 0·05 | ... | ... | 0·31 | 0·63 | 0·99 | |
| | Chakwál | 18th Do. | 0·11 | ... | ... | ... | ... | ... | 0·33 | 0·44 | |
| | Talagang | 13th Do. | 0·09 | ... | 0 07 | ... | ... | 0·07 | 0 12 | 0·35 | |
| Rawalpindi. | Pindigheb | 20th April | ... | ... | ... | ... | 0·26 | 0·17 | 0·15 | 0·58 | A few locusts remain in the Fatahjang Tahsil. Eggs and young locusts have been thoroughly destroyed all through the district. |
| | Fatahjang | 17th Do. | ... | ... | ... | ... | ... | ... | 0·52 | 0·52 | |
| | Attock | 12th Do. | 0·40 | ... | ... | ... | ... | 0·80 | 0·20 | 1·40 | |
| | Ráwalpindi *s* | 20th Do. | ... | ... | ... | ... | ... | 0·88 | 0·37 | 1·25 | |
| | Gujar Khan | Ditto | ... | 0·02 | ... | ... | 0·03 | 0·16 | 0·64 | 0·85 | |
| | Kahúta | 12th April | ... | ... | ... | ... | 0·86 | 0 12 | 0·41 | 1·39 | |
| | Murree *s* | 17th Do. | 0·20 | ... | ... | ... | 0·40 | 1·60 | 0·80 | 3·00 | |
| Hazara. | Abbott-abad *s* | 18th April | 0·11 | ... | ... | ... | 0·49 | 0·80 | 0·70 | 2·10 | |
| | Mansahra | Ditto | 0·09 | 0·02 | ... | ... | 0·58 | 1·13 | 1·02 | 2·84 | |
| | Haripur | Ditto | ... | ... | ... | ... | 0·03 | 0·25 | 0·30 | 0·58 | |
| Peshawar. | Sawábi | 12th April | 0·40 | ... | ... | ... | 0·05 | 0·36 | 0·42 | ·23 | |
| | Lahore (Utman Bolak) | 24th March | 0·29 | ... | ... | ... | 0·49 | 0·13 | 0·23 | 1·14 | |
| | Nowshera | 17th April | ... | ... | ... | ... | ... | 0·45 | 0·31 | 0·76 | |
| | Mardán *s* | 19th Do. | 0·08 | ... | ... | ... | ... | 0·50 | 0·27 | 0·85 | |
| | Katlang | 18th Do. | ... | ... | ... | ... | 0·40 | 0·20 | .. | 0·60 | |
| | Hashtnagar | 17th Do. | ... | ... | ... | 0·19 | ... | 0·42 | 0·22 | 0·83 | |
| | Doab Daudzai | 18th Do. | R. | ... | R. | R. | R. | 0·30 | 0·20 | 0·50 | |
| | Peshawar *s* | 17th Do. | 0 02 | 0·05 | R. | 0·04 | 0 08 | 1·20 | 0·33 | 1·72 | |
| Kohat. | Kohát *s* | 12th April | .. | ... | ... | T 0·10 | T 0·10 | T 0·75 | T 0·33 | 1·28 | |
| | Hangu | 27th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 9th April | ... | ... | ... | 0·40 | 1·50 | ... | ... | 1·90 | |
| | Karak | 10th Do. | 0·33 | 0·10 | 0.06 | 0·35 | 0·11 | ... | ... | 0·95 | |
| Bannu. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 4th April | 0·29 | ... | ... | ... | 0·11 | 0·05 | ... | 0·45 | |
| | Bannu *s* | 20th Do. | ... | ... | 0 20 | 0·45 | 0·07 | 0·30 | 0·02 | 1·04 | |
| | Marwat | 25th March | 0·25 | ... | ... | ... | 0·09 | 0·27 | 0·18 | 0·79 | |
| Dera Ismail Khan. | Tánk | 13th April | 0·45 | ... | ... | ... | 0·45 | 0·21 | ... | 1·11 | |
| | Kuláchi | 24th March | 0·11 | ... | ... | ... | ... | 0·09 | ... | 0·20 | |
| | D. I. Khan *s* | Ditto | ... | ... | ... | ... | 0·05 | 0·02 | 0·02 | 0 09 | |
| | Bhakkar | 27th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 24th Do. | ... | ... | ... | ... | 0·22 | ... | ... | 0·22 | |
| Dera Ghazi Khan. | Sangarh | 24th March | ... | ... | ... | ... | 0·16 | ... | ... | 0·16 | |
| | Dera Gházi Khan *s* | 23rd Do. | ... | ... | ... | ... | 0·20 | ... | ... | 0·20 | |
| | Fort Munro *s* | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 22nd March | ... | ... | ... | 0·14 | ... | ... | ... | 0·14 | |
| | Rájanpur | 15th Septr. | ... | ... | ... | R. | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | Ditto | ... | ... | ... | 0·23 | ... | ... | ... | 0·23 | |
| | Sinánwán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 12th APRIL 1890.

| No. | Districts. | Towns | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar | Hissar ... | 14,167 | ... | 3 | 3 | 11 | 5 | 6 | ... | ... | 7 | 2 | ... | 2 | 1 | ... | 1 | 11 | 40 |
| 2 | | Hansi ... | 12,656 | 2 | 1 | 3 | 14 | 8 | 6 | ... | ... | 9 | 1 | ... | 4 | ... | 1 | 1 | 12 | 58 |
| 3 | | Bhiwani ... | 33,762 | 7 | 4 | 11 | Statement returned for correction. | | | | | | | | | | | | 17 | ... |
| 4 | | Sirsa ... | 12,292 | 4 | 3 | 7 | 9 | 5 | 4 | ... | ... | 6 | ... | ... | 3 | 1 | ... | 1 | 30 | 38 |
| 5 | Rohtak | Rohtak ... | 15,699 | 4 | 2 | 6 | 6 | 4 | 2 | ... | ... | 4 | 1 | ... | 1 | ... | 1 | 1 | 20 | 20 |
| 6 | | Jhajjar ... | 11,650 | 4 | 3 | 7 | 9 | 6 | 3 | ... | ... | 6 | ... | ... | 3 | 1 | ... | 1 | 31 | 40 |
| 7 | Gurgaon | Rewari ... | 24,445 | 3 | 3 | 6 | 11 | 6 | 5 | ... | 3 | 4 | 1 | ... | 3 | 1 | 1 | 2 | 13 | 23 |
| 8 | | Palwal ... | 10,635 | 4 | 6 | 10 | 16 | 6 | 10 | ... | ... | 13 | ... | ... | 3 | 1 | 1 | 2 | 49 | 78 |
| 9 | Delhi | Delhi ... | 117,363 | 29 | 35 | 64 | 144 | 78 | 66 | ... | 1 | 81 | 8 | 1 | 53 | 22 | 13 | 35 | 28 | 64 |
| 10 | | " Suburbs ... | 52,882 | 14 | 15 | 29 | 42 | 25 | 17 | ... | ... | 25 | 1 | 1 | 15 | 2 | 3 | 5 | 29 | 41 |
| 11 | | Sonepat ... | 13,077 | 2 | 8 | 10 | 21 | 16 | 5 | ... | 1 | 17 | ... | ... | 3 | 1 | 1 | 2 | 40 | 84 |
| 12 | Karnal | Karnal ... | 23,133 | 16 | 11 | 27 | 44 | 25 | 19 | ... | 3 | 28 | 1 | ... | 12 | 6 | 3 | 9 | 61 | 99 |
| 13 | | Kaithal ... | 14,754 | 3 | 2 | 5 | 9 | 4 | 5 | ... | ... | 4 | 2 | ... | 3 | ... | 1 | 1 | 18 | 32 |
| 14 | | Panipat ... | 26,572 | 3 | 7 | 10 | 27 | 13 | 14 | ... | 2 | 13 | 2 | ... | 10 | 3 | 2 | 5 | 20 | 53 |
| 15 | Umballa | Umballa ... | 26,777 | 6 | 8 | 14 | 19 | 6 | 13 | ... | ... | 12 | ... | ... | 7 | 2 | 3 | 5 | 27 | 37 |
| 16 | | Jagadhri ... | 12,300 | 5 | 1 | 6 | 13 | 4 | 9 | ... | ... | 5 | 1 | ... | 7 | ... | 1 | 1 | 25 | 55 |
| 17 | | Shahabad ... | 10,218 | 4 | 1 | 5 | 9 | 6 | 3 | ... | 8 | 1 | ... | ... | ... | 2 | 1 | 3 | 26 | 46 |
| 18 | | Sadhaura ... | 10,794 | 3 | 2 | 5 | 10 | 4 | 6 | ... | ... | 6 | ... | ... | 4 | 2 | 2 | 4 | 24 | 48 |
| 19 | | Rupar ... | 10,326 | 3 | 3 | 6 | 2 | 2 | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 30 | 10 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 2 | 4 | 6 | 13 | 9 | 4 | ... | ... | 7 | 2 | ... | 4 | 1 | 2 | 3 | 24 | 51 |
| 21 | | Tanda and Urmar ... | 10,295 | 2 | 5 | 7 | 8 | 4 | 4 | ... | ... | 8 | ... | ... | ... | 1 | ... | 1 | 35 | 41 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 13 | 15 | 28 | 25 | 14 | 11 | ... | ... | 11 | 1 | ... | 13 | 2 | 2 | 4 | 47 | 42 |
| 23 | | " Suburbs ... | 11,474 | 7 | 3 | 10 | 15 | 9 | 6 | ... | ... | 7 | 1 | ... | 7 | 5 | 2 | 7 | 45 | 68 |
| 24 | | Rahon ... | 11,736 | 2 | 3 | 5 | 4 | 1 | 3 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 22 | 18 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 13 | 15 | 28 | 28 | 20 | 8 | ... | ... | 22 | ... | ... | 6 | 5 | 2 | 7 | 33 | 33 |
| 26 | | Jagraon ... | 16,873 | 9 | 12 | 21 | 16 | 9 | 7 | ... | ... | 6 | 1 | ... | 9 | 3 | 4 | 7 | 65 | 49 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 9 | 7 | 16 | 11 | 4 | 7 | ... | ... | 7 | ... | ... | 4 | 1 | 4 | 5 | 40 | 27 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 10 | 4 | 14 | 18 | 12 | 6 | ... | ... | 9 | ... | ... | 9 | ... | 2 | 2 | 23 | 29 |
| 29 | | " Suburbs ... | 25,593 | 8 | 1 | 9 | 16 | 14 | 2 | ... | ... | 8 | ... | ... | 8 | 2 | 1 | 3 | 18 | 33 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 3 | 2 | 5 | 12 | 6 | 6 | ... | ... | 4 | ... | ... | 8 | 2 | 1 | 3 | 21 | 50 |
| 31 | | Chiniot ... | 10,731 | 4 | 7 | 11 | 7 | 4 | 3 | ... | ... | 3 | ... | ... | 4 | 2 | 2 | 4 | 53 | 34 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 34 | 28 | 62 | 83 | 44 | 39 | ... | 1 | 58 | 1 | ... | 23 | 4 | 12 | 16 | 33 | 45 |
| 33 | | " Suburbs ... | 41,670 | 7 | 4 | 11 | 27 | 17 | 10 | ... | ... | 10 | 1 | ... | 16 | 1 | ... | 1 | 14 | 34 |
| 34 | | Kasur ... | 17,336 | 3 | ... | 3 | 6 | 1 | 5 | ... | ... | 4 | ... | ... | 2 | ... | 1 | 1 | 9 | 18 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 39 | 26 | 65 | 164 | 103 | 61 | ... | ... | 88 | 4 | ... | 72 | 13 | 17 | 30 | 24 | 59 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 7 | 4 | 11 | 18 | 8 | 10 | ... | 2 | 13 | ... | ... | 3 | 1 | 1 | 2 | 24 | 39 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 9 | 4 | 13 | 20 | 10 | 10 | ... | 4 | 5 | ... | ... | 11 | ... | ... | ... | 20 | 31 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 4 | 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 | ... |
| 39 | | Jalalpur ... | 12,839 | 2 | ... | 2 | 8 | 4 | 4 | ... | ... | 4 | ... | ... | 4 | 1 | 1 | 2 | 8 | 32 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 6 | 4 | 10 | 20 | 9 | 11 | ... | 3 | 8 | ... | ... | 9 | 1 | 5 | 6 | 23 | 46 |
| 41 | | Wazirabad ... | 16,462 | 2 | 5 | 7 | 6 | 1 | 5 | ... | ... | 4 | ... | ... | 2 | 1 | 2 | 3 | 22 | 19 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 1 | 7 | 8 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | 1 | 1 | 2 | 28 | 24 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 4 | 7 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 22 | 13 |
| 44 | | Pind Dadan Khan ... | 16,724 | 5 | 1 | 6 | 10 | 6 | 4 | ... | ... | 7 | 1 | 1 | 1 | 1 | 1 | 2 | 19 | 31 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 7 | 7 | 14 | 29 | 16 | 13 | ... | 1 | 15 | 2 | ... | 11 | 2 | 4 | 6 | 26 | 55 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 16 | 11 | 27 | 24 | 12 | 12 | ... | ... | 17 | ... | 1 | 6 | 4 | ... | 4 | 24 | 21 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 4 | 9 | 7 | 3 | 4 | ... | ... | 4 | ... | 1 | 2 | ... | 1 | 1 | 35 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | ... | 2 | 2 | 4 | 2 | 2 | ... | ... | 2 | 1 | ... | 1 | 1 | ... | 1 | 5 | 11 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 1 | ... | 1 | 2 | 2 | ... | ... | ... | 1 | ... | ... | 1 | 1 | ... | 1 | 3 | 5 |
| Birth and death rate of London for the week ending 22nd March 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·9 | 19·3 |
| | | Grand Total ... | 1,311,330 | 350 | 311 | 661 | 1028 | 573 | 455 | ... | 29 | 585 | 35 | 5 | 374 | 101 | 104 | 205 | 26 | 42 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | ... ... ... | 12,305 | 1 | ... | 1 | 15 | 12 | 3 | ... | 1 | 13 | ... | ... | 1 | ... | ... | ... | 4 | 64 |
| Dharmsala | ... | ... ... ... | 3,839 | 2 | 2 | 4 | 2 | ... | 2 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | 54 | 27 |
| Dalhousie | ... | ... ... ... | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 60 |
| Murree | ... | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**Note.**—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

**SANITARY COMMISSIONER'S OFFICE,**
**Lahore:**
*The 5th May* **1890.**

**A. STEPHEN,** Surgeon-Major,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 12th April 1890.*

*General Results.*—The return is incomplete, the death register of the Bhiwáni Municipal Town in Hissár District having been returned for correction. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 10,588 against 10,701 in the previous week and 7,633 in the corresponding week of the past year, giving respectively an annual death-rate of 29·4, 29·7 and 21·2 per 1,000 of population. The death-rate for the season of the year remains very high. The average annual death-rate of the month of April for the five years 1885—1889 was 22·8 per 1,000.

*Cholera.*—There was one death registered under the head of cholera. It occurred in the village of Diwaliyan, Police Station Dumman, District Jhelum.

*Small-pox.*—From small-pox 282 deaths were registered against 261 in the previous week and 158 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,601 deaths against 7,367 in the previous week and 5,224 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 238 deaths against 236 and 221.

*Chest disease.*—Six hundred and six against 713 and 534.

*Snake-bite.*—Six against 5 and 9.

*Hydrophobia.*—Nil against 1 and 2.

*All other causes.*—One thousand eight hundred and fifty-four against 2,118 in the previous week and 1,485 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand two hundred and ninety-two deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,255 were males and 1,037 females.

*Births and Deaths in Municipal Towns.*—In the 48 large Municipal towns 1,028 deaths were registered (573 males and 455 females), giving a death-rate of 42 per mille of population; in the 49 large Municipal towns from which complete birth returns have been received, 661 births were registered (350 males and 311 females), giving a birth-rate of 26 per mille of population. The death-rate of the large Municipal towns is exceedingly high; for the week under review it was 12·6 per 1,000 higher than the death-rate of the Province as a whole.

LAHORE: } A. STEPHEN, SURGEON-MAJOR,

*The 5th May* 1890. } *Sanitary Commissioner, Punjab*

## NORTH-WESTERN RAILWAY.

*Statement showing Promissory Notes held in deposit and lodged with Comptroller-General, Calcutta, as security on 31st March* 1890.

| No. of Government Promissory Notes. | Name of person on whose behalf held. | Amount of Investment. | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | | 4 per cent. of 1865. | 4 per cent. of 1879. | 4 per cent. of 1854-55. | 4½ per cent. of 1879. | 4 per cent. of 1835-36. | 4 per cent. of 1842-43. | |
| 203266 | Mr. D. J. Xavier, Station Master ... ... ... | 500 | ... | ... | ... | ... | ... | |
| A 018245 | Buckle & Co., Contractors ... ... ... | ... | 3,000 | ... | ... | ... | ... | |
| 180982 | Rái Mela Rám, Contractor ... ... ... | 10,000 | ... | ... | ... | ... | ... | |
| A 020936 | Sindh, Punjab and Delhi Railway Clergy Fund ... ... | ... | 1,000 | ... | ... | ... | ... | |
| A 020937 | Ditto ditto ditto ... ... | ... | 1,000 | ... | ... | ... | ... | |
| A 020938 | Ditto ditto ditto .. ... | ... | 1,000 | ... | ... | ... | ... | |
| 044998 | Ditto ditto ditto ... ... | ... | ... | 1,000 | .. | ... | ... | |
| 203291 | Ditto ditto ditto ... ... | 2,000 | ... | ... | ... | ... | ... | |
| 180820 | H. Saunders, Station Master ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 180067 | Ditto ditto ... ... ... | 500 | ... | ... | ... | ... | ... | |
| B 138276 | Ditto ditto ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 236999 | Ditto ditto ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 237222 | Ditto ditto ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 221425 | Kishan Chand, Pay Clerk ... ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 158608 | Ditto ditto ... ... ... ... | ... | ... | ... | ... | ... | 500 | |
| 194070 | Ditto ditto ... ... ... ... | ... | ... | ... | ... | ... | 300 | |
| 114756 | Hurdit Singh, ditto ... ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 114757 | Ditto ditto .. ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 255443 | Ditto ditto ... ... ... ... | 1,000 | ... | ... | ... | ... | ... | |
| 255444 | Ditto ditto ... ... ... .. | 1,000 | ... | ... | ... | ... | ... | |
| 255445 | Ditto ditto ... ... ... ... | 1,000 | ... | ... | ... | ... | ... | |
| 087341 | G. D. Poulton, Station Master ... ... ... | ... | ... | ... | 1,000 | ... | ... | |
| 109938 | Mancherjee Manackjee, Contractors ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 290363 | Ditto ditto ... ... ... | 2,000 | ... | ... | ... | ... | ... | |
| 196848 | Ditto ditto ... ... ... | ... | ... | ... | ... | ... | 1,000 | |
| 201723 | Koondon Lal, Cashier ... ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 203267 | Ditto ditto ... ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 203296 | Ditto ditto ... ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 203268 | itto ditto ... ... ... ... | 500 | ... | ... | ... | ... | ... | |
| 203285 | Ditto ditto ... ... ... ... | 1,000 | ... | ... | ... | ... | ... | |
| 186673 | Ditto ditto ... ... ... ... | 1,000 | ... | ... | ... | ... | ... | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 020512 | H. Symes, Pay Clerk ... ... ... ... | ... | ... | ... | ... | 3,000 | ... |
| 168446 | Ditto ditto ... ... ... ... | ... | ... | ... | ... | ... | 3,00 |
| 258819 | Dhunjibhoy F. Commodore, Contractor ... ... | 1,000 | ... | ... | ... | ... | ... |
| 145241 | Ditto ditto ... ... ... | 500 | ... | ... | ... | ... | ... |
| 219576 | Ditto ditto ... ... ... | 500 | ... | ... | ... | ... | ... |
| 253658 | Messrs. Narsingh Dás, Khushál Chand and Gobind Rám, Cash and Pay Agents. | 500 | ... | ... | ... | ... | ... |
| 252830 | Ditto ditto ... ... | 1,000 | ... | ... | ... | .. | .. |
| A 017663 | Ditto ditto ... ... | ... | 2,500 | ... | ... | ... | ... |
| 237805 | Ditto ditto ... ... | 1,000 | ... | ... | ... | ... | ... |
| 237806 | Ditto ditto ... ... | 1,000 | ... | ... | ... | ... | ... |
| 237807 | Ditto ditto ... ... | 500 | ... | ... | ... | ... | ... |
| 292111 | Ditto ditto ... ... | 1,000 | ... | ... | ... | ... | ... |
| 292110 | Ditto ditto ... ... | 1,000 | ... | ... | ... | ... | ... |
| 297619 | Ditto ditto ... ... | 10,000 | ... | ... | ... | ... | ... |
| 296796 | Ditto ditto ... ... | 5,000 | ... | ... | ... | ... | ... |
| 288026 | Ditto ditto ... ... | 900 | ... | ... | ... | ... | ... |
| 277859 | Ditto ditto ... ... | 800 | ... | ... | ... | ... | ... |
| 112695 | Ditto ditto ... ... | ... | ... | ... | ... | ... | 1,000 |
| 254454 | Ditto ditto ... ... | 2,000 | ... | ... | ... | ... | .. |
| 254455 | Ditto ditto ... ... | 2,000 | ... | ... | ... | ... | ... |
| 162020 | Ditto ditto ... ... | ... | ... | ... | ... | ... | 1,000 |
| 062537 | Ditto ditto ... ... | ... | ... | ... | 1,000 | ... | ... |
| 114102 | Ditto ditto ... ... | ... | ... | ... | .. | ... | 500 |
| 113916 | Ditto ditto ... ... | ... | ... | ... | ... | ... | 1,000 |
| 257398 | Ditto ditto ... ... | 500 | ... | ... | ... | ... | ... |
| 187644 | Ditto ditto ... ... | 500 | ... | ... | ... | ... | ... |
| 187642 | Ditto ditto ... ... | 500 | ... | ... | ... | ... | ... |
| 187643 | Ditto ditto ... ... | 500 | ... | ... | ... | ... | .. |
| 187645 | Ditto ditto ... ... | 500 | ... | .. | ... | ... | ... |
| 248364 | Ditto ditto ... ... | 500 | ... | ... | ... | ... | .. |
| 200836 | Ditto ditto ... ... | ... | ... | ... | ... | ... | 21,000 |
| | TOTAL Rs. ... | 57,700 | 8,500 | 1,000 | 2,000 | 2,000 | 29,400 |

LAHORE:
*The 1st May* 1890.

R. W. WILLIAMS,
*Examiner, North-Western Railway.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY).

***Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of March 1890, as compared with the same month of the previous year.***

| | STAPLES. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 3,841 | 7,451 | ... | 3,610 |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 8,466 | 11,251 | ... | 2,785 |
| | Do., intermediate and half-pressed ... | 759 | 297 | 462 | ... |
| | Do., unpressed ... | 1,709 | 1 151 | 558 | ... |
| III | Cotton twist and yarn ... | 464 | 349 | 115 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 2,013 | 2,441 | ... | 428 |
| | (2) Indian ... | 700 | 613 | 87 | ... |
| V | Drugs and medicines ... | 23 | 33 | ... | 10 |
| VI | Dye roots and colours ... | 610 | 408 | 202 | ... |
| VII | Firewood ... | 1,515 | 1,048 | 467 | ... |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 3,068 | 5,454 | ... | 2,386 |
| | (2) Other grains ... | 17,178 | 21,102 | ... | 3,924 |
| IX | Hay and grass ... | 28 | 110 | ... | 82 |
| X | Hides and skins ... | 447 | 580 | ... | 133 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 36 | 177 | ... | 141 |
| | (2) Gunny bags ... | 1,032 | 1,019 | 13 | ... |
| XII | Leather manufactured ... | 20 | 54 | ... | 34 |
| XIII | Liquors, wines, spirits and beer ... | 216 | 299 | ... | 83 |
| XIV | Machinery ... | 84 | 5 | 79 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,411 | 1,659 | ... | 248 |
| | (2) Brass and Copper ... | 475 | 124 | 351 | ... |
| | (3) Zinc and Spelter ... | 74 | 33 | 41 | ... |
| | (4) Lead ... | 17 | 15 | 2 | ... |
| | (5) Others ... | 282 | 411 | ... | 129 |
| XVI | Military Stores ... | 986 | 456 | 530 | ... |
| XVII | Mowra flowers and seeds ... | 63 | 615 | ... | 552 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 497 | 552 | ... | 55 |
| | (2) Others ... | 296 | 319 | ... | 23 |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 3,210 | 1,912 | 1,298 | ... |
| | (2) Rape seed ... | 3.138 | 1,768 | 1,370 | ... |
| | (3) Other oil seeds ... | 3,389 | 1,787 | 1,602 | .. |
| XX | Opium ... | 74 | 122 | ... | 48 |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 625 | 558 | 67 | ... |
| | (2) Dried Fruits and Nuts ... | 401 | 837 | ... | 436 |
| | (3) Cocoanuts ... | 462 | 604 | ... | 142 |
| | (4) Oilman stores ... | 579 | 15 | 564 | ... |
| | (5) Fruits, green, and vegetables... | 597 | 2,471 | ... | 1,874 |
| | (6) Others ... | 332 | 720 | ... | 388 |
| XXII | Railway material and rolling stock ... | 13,653 | 5,793 | 7,860 | ... |
| XXIII | Salt ... | 18,059 | 22,773 | ... | 4,714 |
| XXIV | Saltpetre ... | 1,396 | 660 | 736 | ... |
| XXV | Silk, raw and manufactured ... | 28 | 109 | ... | 81 |
| XXVI | Spices ... | 228 | 268 | ... | 40 |
| XXVII | Sugar and jagri ... | 18,633 | 21,995 | ... | 3,362 |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 417 | 53 | 364 | ... |
| | (2) Others ... | 864 | 2,312 | ... | 1,448 |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 72 | 30 | 42 | ... |
| | (2) Indian ... | 29 | 29 | ... | ... |
| XXX | Timber ... | 2,673 | 2,645 | 28 | ... |
| XXXI | Tobacco ... | 1,030 | 632 | 398 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 429 | 228 | 201 | ... |
| | (2) Piece-goods, woollen ... | 17 | 152 | ... | 135 |
| XXXIII | All other articles ... | 8,498 | 9,684 | ... | 1,186 |
| | Total ... | 1,25,143 | 1,36,183 | 17,437 | 28,477 |
| | *Net* Increase ... | ... | ... | ... | 11,040 |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The* 19*th April* 1890.

J. O'CONNELL,
*Chief Auditor and Accountant.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF MARCH 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| March 1890 ... ... | 6,119 | 869 | 960 | 22,870 | 6,447 | |
| March 1889 ... ... | 5,853 | 852 | 983 | 21,965 | 10,411 | |
| Difference ... ... | + 266 | + 17 | — 23 | + 905 | — 3,964 | |
| For the year of 1889-90 ... | 58,700 | 9,477 | 10,106 | 2,21,744 | 68,875 | |
| For the year of 1888-89 ... | 60,769 | 10,162 | 10,275 | 2,27,984 | 1,14,834 | |
| Difference ... ... | — 2,069 | — 685 | — 169 | — 6,240 | — 45,959 | |

Office of Inspector-General of Registration, Punjab,
Lahore:
*The 29th April* 1890.

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—8-5-90—690.

No. 20 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

**Published by Authority.**

LAHORE, THURSDAY, MAY 15, 1890.

## PART I.
## STATISTICAL.

**WEATHER AND CROP REPORT FOR WEEK ENDING 13th MAY 1890.**

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Scarce. | ... | Rabi crops harvested. | Rain much wanted. |
| 2 | Delhi ... | ... | Do. | Fluctuating. | Rabi harvested. | Sugarcane cultivation continues. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Kharif ploughing commenced. |
| 4 | Jullundur ... | ... | Insufficient. | Do. | Threshing of crops in progress; condition of extra rabi average. | ... |
| 5 | Ferozepore ... | ... | Sufficient. | Do. | Threshings nearly completed. Extra rabi sowings completed. | ... |
| 6 | Amritsar ... | ... | Do. | Do. | Threshings in progress. Extra rabi crops in good condition. No complaints against canal working. | ... |
| 7 | Siálkot ... | ... | Scanty. | Do. | Crops being thrashed. | ... |
| 8 | Lahore ... | ... | Dry fodder sufficient. | Slightly falling at Lahore and stationary at Sharakpur. | Harvesting in progress. Outturn on baráni inferior; elsewhere average. Crops in Sharakpur tahsil very poor. The crops are as a rule turning out better than was expected from their appearance. | ... |
| 9 | Mooltan ... | ... | Sufficient in Ráwa | About stationary. | Cutting and harvesting of rabi crops in progress. No water yet in Sidhnai and in some other canals. | ... |
| 10 | Ráwalpindi ... | ... | ... | Rising. | Crops being cleaned. | Kharif being sown. |
| 11 | Shahpur ... | ... | Sufficient. | Stationary. | Reapings in progress. | Crops being sown. |
| 12 | D. I. Khan ... | ... | Average. | Do. | Reapings nearly finished. Extra rabi in good condition. | Cotton crop in good condition. |
| 13 | Peshâwar ... | 0·12 | Sufficient. | Do. | Corps being reaped. | Prospects of kharif crop average. |

*GENERAL REMARKS.*

Slight rain has fallen in Peshâwar only. Prices rising in Râwalpindi; fluctuating in Delhi and Lahore; stationary elsewhere. Harvesting of rabi crops over in Hissar, Delhi, Ferozepore and Dera Ismail Khan; in progress in other districts; kharif sowings going on in Delhi, Umballa, Râwalpindi, Shahpur, Dera Ismail Khan and Peshâwar. Prospects of rabi crops average on irrigated lands; poor elsewhere. Kharif crops reported to be in good condition in Dera Ismail Khan and Peshâwar.

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.
*H* = Hail.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 6th April 1890.* | | | | | | | | |
| | | | Monday 31st. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | | |
| Kohat. | Hangu ... | 27th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thall ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 20th April 1890.* | | | | | | | | |
| | | | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | | |
| Simla. | Kilba *s* | 13th April ... | ... | ... | 0·02 | 1·85 | ... | ... | ... | 1·87 | |
| Kohat. | Kohát *s* | 12th April ... | ... | ... | ... | 0·20 | 0·45 | ... | ... | 0·65 | |
| | Hangu ... | 27th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thall ... | 9th April ... | ... | ... | ... | ... | ... | 0·28 | ... | 0·28 | |
| | Karak ... | 10th Do. ... | 0·22 | ... | 0·30 | ... | ... | ... | ... | 0·52 | |
| | | | *Week ending 27th April 1890.* | | | | | | | | |
| | | | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th | Sunday 27th. | | |
| Simla. | Kilba *s* | 17th April ... | ... | ... | ... | 0·38 | 2·23 | 0·25 | 0·42 | 3·28 | |
| Ferozepore. | Gobindgarh *C* ... | 19th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 4th MAY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Months of April and May 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 1st. | Friday 2nd. | Saturday 3rd. | Sunday 4th. | Total. | Special Remarks. |
| Hissar. | Sirsa | 10th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 18th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwani | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | Ditto | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Firozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattin | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | 25th Do. | ... | 0·44 | ... | ... | ... | ... | ... | 0·44 | |
| | Naráingarh | 27th Do. | R. | ... | 0·03 | ... | 0·28 | ... | ... | 0·31 | |
| | Kharar | 25th Do. | .. | 0·06 | ... | ... | ... | ... | ... | 0·06 | |
| | Rúpar | 26th Do. | 0·12 | ... | 0·12 | ... | ... | ... | ... | 0·24 | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 25th April | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| | Dádapur *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 27th April | ... | ... | 0·44 | 0·09 | ... | ... | | 0·53 | |
| | Barauli | Ditto | 0·05 | ... | 0·38 | ... | 0·02 | ... | ... | 0·45 | |
| | Simla | 25th April | 0·12 | ... | 0·54 | ... | 0·04 | ... | ... | 0·70 | |
| | Kot Khái | 27th Do. | .. | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Kotgarh | Ditto | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Kilba | Ditto | ... | 0·42 | ... | ... | ... | ... | ... | 0·42 | |
| Kangra. | Plách | 27th April | ... | 0·33 | ... | ... | ... | ... | ... | 0·33 | |
| | Kulu | Ditto | 0·20 | ... | 0·45 | ... | 0·04 | ... | ... | 0·69 | |
| | Nagar | 26th April | ... | ... | 0·28 | 0·28 | ... | ... | ... | 0·56 | |
| | Pálampur | 27th Do. | 0·16 | ... | 0·16 | ... | ... | ... | ... | 0·32 | |
| | Hamírpur | Ditto | 0·09 | ... | 0·17 | ... | ... | ... | ... | 0·26 | |
| | Dera | Ditto | 0·19 | ... | 0·13 | ... | ... | ... | ... | 0·32 | |
| | Kángra | Ditto | 0·28 | ... | 0·07 | ... | ... | ... | ... | 0·35 | |
| | Dharmsála | Ditto | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Nurpur | Ditto | 0·30 | ... | ... | 0·02 | ... | ... | ... | 0·32 | |
| Hoshiarpur. | Dasuya | 26th April | 0·07 | ... | 0·13 | ... | ... | ... | ... | 0·20 | |
| | Una | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 26th April | ... | ... | 0·16 | ... | ... | ... | ... | 0·16 | |
| | Hoshiarpur | 27th Do. | ... | 0·12 | ... | ... | ... | ... | ... | 0·12 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Months of April and May* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 28th. | Tuesday 29th. | Wednesday 30th | Thursday 1st. | Friday 2nd. | Saturday 3rd. | Sunday 4th. | TOTAL. | SPECIAL REMARKS. |
| JULLUNDUR. | Jullundur *s* | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodur ... | 27th Do. | 0·29 | ... | ... | ... | ... | ... | ... | 0·29 | |
| | Phillour ... | 26th Do. | ... | ... | 0 09 | ... | ... | ... | ... | 0·09 | |
| | Nawashahr ... | 18th Do. | ... | ... | 0·0[illegible] | ... | ... | ... | ... | 0·09 | |
| LUDHIANA. | Samrála ... | 17th April | ... | 0·03 | ... | ... | ... | ... | ... | 0·03 | |
| | Ludhiána *s* | 25th Do. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Jagraon ... | 25th Do. | ... | 0·07 | ... | ... | ... | ... | ... | 0·07 | |
| FEROZEPORE. | Moga ... | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | Ditto | ... | 0·13 | ... | ... | ... | ... | ... | 0 13 | |
| | Ferozepore *s* | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city ... | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MOOLTAN. | Mailsi *s* | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHANG. | Shorkot ... | 24th March | ... | ... | ... | ... | 0·07 | ... | 0·01 | 0·08 | |
| | Jhang *s* | 26th April | R. | R. | R. | ... | ... | ... | ... | ... | |
| | Chiniot ... | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MONTGOMERY. | Gugera ... | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan ... | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| LAHORE. | Van *C* *b* | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* *b* | Ditto | ... | ... | 0 05 | ... | ... | ... | ... | 0 05 | |
| | Sharakpur ... | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 27th Do. | ... | ... | ... | 0·20 | ... | ... | ... | 0 20 | |
| | Lahore *s* | 26th Do. | ... | ... | 0·10 | ... | ... | ... | ... | 0 10 | |
| | Meean Meer *C* *b* | Ditto | ... | ... | 0 10 | ... | ... | ... | ... | 0·10 | |
| | Manihála *C* ... | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* ... | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| AMRITSAR. | Buchar *C* *b* | 27th April | ... | ... | 0 10 | ... | ... | ... | ... | 0 10 | |
| | Khara *C* ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 26th April | ... | 0 06 | ... | ... | ... | ... | ... | 0·06 | |
| | Raya *C* ... | 27th Do. | ... | ... | 0 08 | ... | ... | ... | ... | 0 08 | |
| | Jandiála *C* ... | Ditto | ... | ... | 0 13 | ... | ... | ... | ... | 0·13 | |
| | Jail Hospital *s* | Ditto | ... | 0·15 | ... | ... | ... | ... | ... | 0 15 | |
| | Amritsar Sadr ... | 26th April | ... | 0·14 | ... | ... | ... | ... | ... | 0·14 | |
| | Amritsar *C* ... | 27th Do. | 0·05 | ... | 0·15 | ... | ... | ... | ... | 0·20 | |
| | Buggeh *C* ... | 26th Do. | ... | ... | 0·10 | 0 10 | ... | ... | ... | 0·20 | |
| | Ajnála ... | 27th Do. | ... | 0·07 | ... | ... | ... | ... | ... | 0·07 | |
| GURDASPUR. | Aliwál *C* ... | 27th April | ... | ... | 0·80 | ... | ... | ... | ... | 0·80 | |
| | Batála ... | 26th Do. | ... | 0·12 | ... | ... | ... | ... | ... | 0 12 | |
| | Kaler *C* ... | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* ... | 26th Do. | 0 03 | ... | 0·05 | ... | ... | ... | ... | 0·08 | |
| | Gurdaspur *s* | 27th Do. | ... | 0 09 | ... | ... | ... | ... | ... | 0 09 | |
| | Bhímpur *C* ... | Ditto | 0·23 | ... | ... | ... | ... | ... | ... | 0·23 | |
| | Pathankot ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie *s* | Ditto | ... | 0·11 | ... | ... | ... | ... | ... | 0 11 | |
| | Madhopur *C* *b* | 26th April | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Shakargarh ... | 27th Do. | ... | 0 05 | ... | ... | ... | ... | ... | 0·05 | |
| SIALKOT. | Zafarwál ... | 27th April | 0·16 | ... | ... | ... | ... | ... | ... | 0·16 | |
| | Pasrúr ... | Ditto | 0·90 | ... | ... | ... | ... | ... | ... | 0 90 | |
| | Raya ... | Ditto | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Daska ... | 26th April | 0 30 | ... | ... | ... | 0 20 | ... | ... | 0 50 | |
| | Siálkot *s* | Ditto | 0·90 | ... | ... | ... | 0·11 | ... | ... | 1·01 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each day of the Week. | | | | | | | | |
| | | | *Months of April and May* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 1st. | Friday 2nd. | Saturday 3rd. | Sunday 4th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 27th April | 0·40 | ... | 0·01 | ... | 0·32 | ... | ... | 0·73 | In the Kharián Tahsil some damage done by recent rains. Hail-storms at Phália, but no damage done. Wheat crops average. |
| | Gujrát | Ditto | 0·40 | ... | 0·01 | ... | 0·32 | ... | ... | 0·73 | |
| | Kharián | Ditto | 0·37 | ... | 0·03 | 0·11 | ... | ... | ... | 0·51 | |
| | Phália | 21st March | 0·55 | ... | ... | ... | ... | ... | ... | 0·55 | |
| Gujranwala. | Rámnagar | 27th April | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Wazirabad | Ditto | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hafizabad | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 22nd April | ... | ... | 0·08 | 0·30 | ... | ... | ... | 0·38 | |
| | Núrpur | 23rd March | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Mitha Tiwána | 27th April | ... | ... | ... | 0·24 | 0·24 | ... | ... | 0·48 | |
| | Sakesar | 22nd Do. | ... | ... | ... | 0·11 | ... | ... | ... | 0·11 | |
| | Naushahra | Ditto | ... | ... | 0·50 | 0·20 | ... | ... | ... | 0·70 | |
| | Khushab | 27th April | ... | ... | 0·13 | 0·18 | ... | ... | ... | 0·31 | |
| | Shahpur s | 25th Do. | ... | 0·28 | ... | 0·10 | ... | ... | ... | 0·38 | |
| | Bhera | Ditto | ... | ... | ... | 0·28 | ... | ... | ... | 0·28 | |
| | Miáni | 23rd April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 26th April | 0·09 | ... | 0·08 | 0·21 | 0·12 | ... | ... | 0·50 | |
| | Sadr Station s | 27th Do. | 0·61 | 0·16 | 0·24 | 0·12 | ... | ... | ... | 1·13 | |
| | Chakwál | Ditto | 0·31 | ... | 0·44 | 0·20 | 0·18 | ... | ... | 1·13 | |
| | Talagang | Ditto | 0·09 | ... | 0·45 | 0·11 | 0·09 | ... | ... | 0·74 | |
| Rawalpindi. | Pindigheb | 27th April | ... | 0·33 | ... | ... | ... | ... | ... | 0·33 | |
| | Fatahjang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | Ditto | ... | 0·13 | ... | ... | ... | ... | ... | 0·13 | |
| | Gujar Khan | Ditto | ... | 0·14 | 0·11 | 0·12 | ... | ... | ... | 0·37 | |
| | Kahúta | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree s | Ditto | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| Hazara. | Abbott-abad s | 27th April | 0·67 | ... | 0·07 | 0·23 | ... | ... | ... | 0·97 | |
| | Mansahra | Ditto | 0·63 | ... | 0·03 | ... | 0·21 | 0·02 | ... | 0·89 | |
| | Haripur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Peshawar. | Swábi | 27th April | ... | 0·09 | R. | 0·04 | ... | ... | ... | 0·13 | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | Ditto | ... | ... | ... | 0·08 | ... | ... | ... | 0·08 | |
| | Mardán s | Ditto | 0·41 | ... | 0·07 | ... | ... | ... | ... | 0·48 | |
| | Katlang | 26th April | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doah Daudzai | Ditto | ... | ... | ... | 0·20 | 0·11 | 0·12 | ... | 0·43 | |
| | Peshawar s | Ditto | ... | ... | R. | 0·15 | 0·03 | 0·02 | ... | 0·20 | |
| Kohat. | Kohát s | 27th April | 0·60 | ... | 0·11 | 0·09 | ... | 0·28 | ... | 1·08 | |
| | Hangu | 27th March | 0·40 | 0·30 | 0·80 | ... | ... | ... | ... | 1·50 | |
| | Thal | 25th April | 0·25 | 0·35 | 0·40 | 0·30 | ... | ... | ... | 1·30 | |
| | Karak | Ditto | 0·08 | 0·50 | 0·07 | ... | ... | ... | ... | 0·65 | |
| Bannu. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 26th April | ... | ... | 0·09 | 0·28 | ... | ... | ... | 0·37 | |
| | Kuláchi | Ditto | ... | ... | ... | 1·05 | ... | ... | ... | 1·05 | |
| | D. I. Khan s | 27th April | ... | 0·07 | 0·03 | 0·28 | 0·04 | ... | ... | 0·42 | |
| | Bhakkar | 27th March | ... | ... | ... | 0·14 | 0·35 | ... | ... | 0·49 | |
| | Leiah | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 25th April | ... | ... | ... | H. 0·53 | ... | ... | ... | 0·53 | |
| | Dera Ghazi Khan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sináuwán | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE AT

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 16 | 19 | 24 | 25 | 28 | ... | ... | ... | 9 | 10 | 10 | 22 | 21 | 27 | 20 | 20 | 25 |
| Rohtak ... | 17 | 16 | 19 | 22 | 22 | 28 | ... | ... | ... | 10 | 10 | 11 | 19 | 18 | 27 | 18 | 18 | 21 |
| Gurgaon ... | 17 | 17 | 20 | 22 | 22 | 30 | ... | ... | ... | 12 | 11 | 11 | 22 | 22 | 28 | 19 | 19 | 24 |
| Delhi ... | 17 | 16 | 18 | 21 | 21 | 26 | ... | ... | ... | 12 | 12 | 11 | 17 | 18 | 24 | 17 | 17 | 20 |
| Karnál ... | 18 | 18 | 18 | 24 | 25 | 30 | ... | ... | ... | 11 | 12 | 11 | 20 | 20 | 27 | 18 | 18 | 18 |
| Umballa ... | 18 | 18 | 23 | 24 | 24 | 28 | ... | ... | ... | 11 | 11 | 11 | 21 | 21 | 27 | 21 | 21 | 16 |
| Simla ... | 12 | 14 | 14 | 18 | 18 | 16 | ... | ... | ... | 9 | 9 | 8 | 15 | 15 | 16 | 16 | 16 | 14 |
| Kángra ... | 14 | 14 | 16 | 23 | 23 | 19 | ... | ... | ... | 11 | 11 | 12 | 12 | 12 | 12 | 10 | 10 | 16 |
| Hoshiárpur ... | 19 | 18 | 24 | 32 | 32 | 32 | ... | ... | ... | 10 | 10 | 12 | [illegible] | 22 | 26 | 20 | 20 | 20 |
| Jullundur ... | 20 | 20 | 23 | 30 | 30 | 40 | ... | ... | ... | 8 | 8 | 8 | 22 | [illegible] | 30 | 19 | 20 | 21 |
| Ludhiána ... | 19 | 19 | 23 | 28 | 26 | 40 | ... | ... | ... | 12 | 12 | 12 | 21 | 24 | [illegible] | 22 | 22 | 25 |
| Ferozepore ... | 19 | 19 | 20 | 34 | 38 | 36 | ... | ... | ... | 10 | 10 | 10 | 21 | 23 | 26 | 21 | [illegible] | 20 |
| Mooltan ... | 14 | 15 | 17 | 28 | 28 | 25 | ... | ... | ... | 12 | 12 | 10 | 21 | [illegible] | 24 | 21 | 21 | 19 |
| Jhang ... | 17 | 17 | 22 | 29 | 29 | 31 | ... | ... | ... | 10 | 10 | 10 | 21 | 21 | 24 | 21 | [illegible] | § |
| Montgomery ... | 16 | 16 | 20 | 26 | 26 | 28 | ... | ... | ... | 10 | 10 | 9 | 20 | 26 | 28 | 20 | [illegible] | 15 |
| Lahore ... | 17 | 18 | 19 | 28 | 30 | 33 | ... | ... | ... | 11 | 11 | 9 | 19 | 25 | 30 | 18 | 18 | 18 |
| Amritsar ... | 20 | 19 | 22 | 31 | 29 | 32 | ... | ... | ... | 10 | 10 | 10 | 19 | 19 | 25 | 17 | 19 | 17 |
| Gurdáspur ... | 18 | 18 | 20 | 24 | 22 | 28 | ... | ... | ... | 14 | 14 | 12 | 16 | 20 | 23 | 14 | 14 | 14 |
| Siálkot ... | 17 | 16 | 20 | 30 | 30 | 32 | ... | ... | ... | 12 | 12 | 11 | 23 | 26 | 26 | 22 | 22 | 23 |
| Gujrát ... | 19 | 18 | 21 | 33 | 30 | 40 | ... | ... | ... | 11 | 12 | 9 | 30 | 28 | 25 | 22 | 25 | 21 |
| Gujránwála ... | 17 | 17 | 21 | 32 | 34 | 34 | ... | ... | ... | 12 | 12 | 10 | 17 | 18 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 23 | 32 | 34 | 40 | ... | ... | ... | 10 | 10 | 10 | 24 | 24 | 34 | 23 | 24 | 29 |
| Jhelum ... | 17 | 19 | 20 | 30 | 35 | 32 | ... | ... | ... | 12 | 14 | 9 | 23 | 29 | 23 | 26 | 32 | 20 |
| Ráwalpindi ... | 18 | 19 | 17 | 36 | 37 | 32 | ... | ... | ... | 9 | [illegible] | 12 | 32 | 32 | 24 | 27 | 26 | 20 |
| Hazára ... | 19 | 19 | 17 | 33 | 31 | 28 | ... | ... | ... | 12 | 12 | 11 | § | § | § | 24 | 24 | 18 |
| Pesháwar ... | 18 | 18 | 18 | 45 | 45 | 44 | ... | ... | ... | 10 | 10 | 10 | 28 | 33 | 25 | 23 | [illegible] | 14 |
| Kohát ... | 22 | 23 | 16 | 43 | 45 | 42 | ... | ... | ... | 15 | 16 | 12 | 20 | 34 | 16 | 20 | 33 | 16 |
| Bannu ... | 24 | 23 | 21 | 51 | 53 | 35 | ... | ... | ... | 13 | 13 | 11 | 43 | 45 | 23 | 29 | 30 | 19 |
| D. I. Khan ... | 17 | 20 | 20 | 37 | 41 | 37 | ... | ... | ... | 8 | 8 | 8 | 32 | 35 | 25 | 28 | 30 | 25 |
| D. G. Khan ... | 15 | 15 | 19 | 25 | 25 | 28 | ... | ... | ... | 8 | 8 | 9 | 21 | 23 | 25 | 25 | 25 | 20 |
| Muzaffargarh | 15 | 15 | 20 | 25 | 25 | 26 | ... | ... | ... | 15 | 15 | 13 | 19 | 20 | 20 | 19 | 20 | 21 |

§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th APRIL 1890.

| 8 | | | 9 | | | 10 | | | REMARKS ON CURRENT VARIATIONS. |
|---|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | | |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | |
| Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 23 | 24 | 26 | |
| † | † | † | 16 | 16 | 16 | 22 | 21 | 27 | |
| † | † | † | † | † | † | 20 | 22 | 20 | |
| † | † | † | 13 | 15 | 12 | 21 | 22 | 25 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 22 | 23 | 28 | |
| 20 | 20 | 20 | 8 | 8 | 10 | 24 | 24 | 29 | |
| 17 | 17 | 21 | 10 | 10 | 8 | 17 | 17 | 19 | |
| | | | | | | | | | |
| 22 | 22 | 24 | 7 | 7 | 8 | 18 | 18 | 20 | |
| 14 | 14 | 12 | 16 | 16 | 20 | 24 | 24 | 30 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 24 | 26 | |
| † | † | † | 20 | 19 | 22 | 24 | 24 | 29 | |
| † | † | ... | 22 | 22 | 16 | 28 | 27 | 28 | |
| | | | | | | | | | |
| † | † | † | 24 | 24 | 24 | 20 | 20 | 22 | |
| 20 | 20 | 20 | 22 | 22 | 22 | 18 | 18 | 19 | |
| § | § | § | 28 | 30 | 28 | 22 | 22 | 26 | |
| § | § | § | 30 | 30 | 24 | 23 | 25 | 28 | |
| † | † | † | 18 | 18 | 26 | 25 | 25 | 27 | |
| † | † | † | 16 | 16 | 16 | 23 | 23 | 22 | |
| | | | | | | | | | |
| § | § | § | 28 | 28 | 20 | 22 | 23 | 27 | |
| † | † | † | 10 | 11 | 12 | 23 | 23 | 25 | |
| § | § | § | 18 | 18 | 16 | 24 | 24 | 28 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 25 | 26 | 31 | |
| ‡ | ‡ | † | 16 | ‡ | § | 22 | 24 | 25 | |
| ‡ | ‡ | ‡ | 16 | 16 | 20 | 23 | 23 | 23 | |
| | | | | | | | | | |
| † | † | † | 24 | 24 | 12 | 19 | 18 | 21 | |
| † | † | † | 21 | 22 | 18 | 21 | 21 | 21 | |
| 20 | † | † | 25 | 23 | † | 29 | 27 | 24 | |
| | | | | | | | | | |
| 8 | 9 | 8 | 8 | 9 | 8 | 38 | 38 | 27 | |
| § | § | § | 6 | 6 | 6 | 29 | 30 | 26 | |
| § | § | § | § | § | § | 20 | 19 | 20 | |
| § | § | § | § | § | § | 19 | 19 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 30th April 1890. | | Past fortnight ending 15th April 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 18 | † | † | † | 120 | 100 | 85 | 11 12 | 11 8 | 12 4 | 12 0 | 10 4 | 10 0 |
| Rohtak ... | 18 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 11 0 | 12 0 | 11 0 |
| Gurgaon ... | 22 | 22 | 25 | 24 | 24 | 16 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 14 0 | 12 0 | 11 0 |
| Delhi ... | 14 | 18 | 24 | 24 | 24 | 27 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | ... | 11 0 |
| Karnál ... | 23 | 23 | 35 | 20 | 20 | 20 | 160 | 160 | 140 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 26 | 26 | 32 | 20 | 20 | 20 | 150 | 150 | 130 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Simla ... | 16 | 16 | 21 | 11 | 12 | 9 | 65 | 70 | 66 | 10 4 | 9 8 | 10 4 | 9 8 | 9 12 | 8 8 |
| Kángra ... | 18 | 18 | 21 | 14 | 14 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 25 | 25 | 32 | 16 | 16 | 17 | 90 | 85 | 120 | 13 4 | 13 2 | 13 4 | 13 2 | 13 4 | 13 0 |
| Jullundur ... | 28 | 26 | 34 | ‡ | ‡ | ‡ | 100 | 100 | 10 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 26 | 26 | 34 | 14 | 13 | 13 | 110 | 110 | 110 | 13 8 | 13 0 | 13 8 | 13 0 | 13 0 | 13 8 |
| Ferozepore ... | 24 | 22 | 30 | 12 | 12 | 11 | 100 | 110 | 100 | 13 8 | 13 4 | 13 8 | 13 4 | 13 8 | 13 4 |
| Mooltan ... | 21 | 21 | 24 | † | † | † | 100 | 100 | 100 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Jhang ... | 23 | 23 | 18 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 20 | 24 | 24 | 12 | 12 | 12 | 220 | 200 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 20 | 22 | 29 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 25 | 24 | 29 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gurdáspur ... | 22 | 23 | 26 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 27 | 29 | 26 | 14 | 12 | 13 | 120 | 120 | 160 | 14 0 | 13 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 29 | 25 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 28 | 27 | 20 | § | § | § | 85 | 85 | 95 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 24 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 29 | 33 | [illegible] | 11 | ‡ | † | 140 | 160 | 140 | 14 0 | 14 0 | 14 0 | 14 0 | 14 0 | 14 0 |
| Ráwalpindi ... | 31 | 30 | 23 | 26 | 26 | 20 | 90 | 85 | 98 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 30 | 30 | 20 | † | † | † | 100 | 80 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 34 | 33 | 28 | 30 | 30 | 22 | 105 | 110 | 110 | 42 0 | 40 0 | 42 0 | 40 0 | 41 0 | 39 0 |
| Kohát ... | 35 | 34 | 24 | † | † | † | 145 | 130 | 138 | 65 0 | 60 0 | 65 0 | 60 0 | 58 0 | 54 0 |
| Bannu ... | 46 | 45 | 24 | 14 | 14 | 13 | 60 | 70 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 32 | 32 | 17 | 15 | 15 | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 43 0 | 41 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 28 0 | 27 0 | 29 0 | 28 0 | 29 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th APRIL 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 9 0 | 9 0 | 16 12 | 7 0 | 7 0 | 7 6 |
| 10 0 | 10 0 | 18 0 | 7 8 | 7 0 | 9 0 |
| 9 0 | 9 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 7 0 | 10 0 | 7 0 | 7 0 | 7 0 |
| 10 0 | 10 0 | 18 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 14 0 | 7 8 | 7 8 | 8 0 |
| 6 0 | 6 10 | 7 0 | 2 4 | 2 8 | 2 2 |
| | | | | | |
| 8 0 | 8 0 | 10 0 | 7 0 | 7 0 | 8 0 |
| 7 0 | 7 8 | 15 0 | 7 0 | 7 0 | 9 0 |
| 9 0 | 9 0 | 14 0 | 8 0 | 8 0 | 7 0 |
| 8 0 | 8 0 | 12 0 | 8 0 | 9 0 | 8 0 |
| 9 8 | 10 0 | 13 0 | 8 8 | 8 8 | 8 0 |
| | | | | | |
| 7 0 | 7 0 | 11 0 | 7 0 | 7 0 | 6 12 |
| 8 12 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 12 0 | 9 0 | 10 0 | 8 0 |
| 8 0 | 8 0 | 13 0 | 8 1 | 8 0 | 7 4 |
| 8 8 | 9 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 11 8 | 11 8 | 15 8 | 9 0 | 9 0 | 8 0 |
| | | | | | |
| 10 0 | 10 8 | 16 0 | 8 0 | 8 0 | 9 0 |
| 9 0 | 11 0 | 14 0 | 8 0 | 9 0 | 8 0 |
| 10 0 | 10 0 | 13 8 | 8 0 | 8 0 | 8 0 |
| 8 0 | 9 0 | 12 0 | 7 0 | 8 0 | 8 0 |
| 9 0 | 10 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 10 0 | 10 0 | 9 0 |
| | | | | | |
| 8 0 | 8 0 | 8 0 | § | § | § |
| 7 4 | 7 6 | 9 4 | 8 10 | 8 13 | 6 6 |
| 7 8 | 7 13 | 11 4 | 10 0 | 9 0 | 8 0 |
| | | | | | |
| 11 4 | 10 0 | 16 0 | 8 12 | 8 12 | 8 12 |
| 9 12 | 10 0 | 13 0 | 9 0 | 9 0 | 9 6 |
| 6 9 | 6 9 | 10 0 | 7 8 | 7 8 | 8 12 |
| 8 8 | 9 0 | 11 0 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Firewood*.—Prices average 121 seers as compared with 120 seers in last fortnight and 122 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 85 | 100 | 120 |
| Hoshiárpur | ... | 120 | 85 | 90 |
| Montgomery | ... | 200 | 200 | 220 |
| Siálkot | ... | 160 | 120 | 120 |
| Kohát | ... | 138 | 130 | 145 |
| D. I. Khan | ... | 112 | 125 | 125 |

*Lahori Salt*.—Prices average 12 seers 3 chataks as compared with 12 seers 4 chataks in last fortnight and 12 seers 2 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Umballa | ... | 12 0 | 13 0 | 13 0 |
| Ludhiána | ... | 12 8 | 13 0 | 13 0 |
| Mooltan | ... | 13 0 | 12 0 | 12 0 |
| Siálkot | ... | 13 0 | 14 0 | 13 0 |

*Kohát Salt*.—Prices average 41 seers 13 chataks as compared with 41 seers 13 chataks in last fortnight and 40 seers 13 chataks in corresponding period of 1889. The following are the chief variations:—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Kohát | ... | 54 | 60 | 60 |
| D. I. Khan | ... | 44 | 41 | 42 |

*Gur*.—Prices average 8 seers 11 chataks as compared with 8 seers 14 chataks in last fortnight and 13 seers 3 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs C. | Srs C. | Srs. C. |
| Rohtak | ... | 18 0 | 10 0 | 10 0 |
| Hoshiárpur | ... | 15 0 | 7 8 | 7 0 |
| Amritsar | ... | 15 0 | 9 0 | 8 8 |
| Siálkot | ... | 16 0 | 10 8 | 10 0 |
| Kohát | ... | 11 4 | 7 13 | 7 8 |
| Bannu | ... | 16 0 | 10 0 | 11 4 |

*Cotton (Unginned)*.—Prices average 8 seers 1 chatak as compared with 8 seers 2 chataks in last fortnight and 8 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs C. | Srs. C. |
| Rohtak | ... | 9 0 | 7 0 | 7 8 |
| Hoshiárpur | ... | 9 0 | 7 0 | 7 0 |
| Gurdáspur | ... | 8 0 | 9 0 | 9 0 |
| Ráwalpindi | ... | 9 0 | 10 0 | 10 0 |
| Peshâwar | ... | 6 6 | 8 13 | 8 10 |
| D. G. Khan | ... | 8 12 | 7 8 | 7 8 |

§ Not procurable.

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## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 17 | 19 | 22 | 22 | 27 | ... | ... | ... | 13 | 13 | 12 | 18 | 19 | 25 | 18 | 18 | 21 | † | † | † |
| Ferozepore ... | 19 | 19 | 20 | 34 | 38 | 36 | ... | ... | ... | 10 | 10 | 10 | 21 | 23 | 26 | 21 | 22 | 20 | † | † | † |
| Mooltan ... | 15 | 15 | 17 | 29 | 29 | 26 | ... | ... | ... | 13 | 13 | 11 | 21 | 22 | 25 | 21 | 21 | 19 | † | † | † |
| Lahore ... | 18 | 19 | 20 | 30 | 31 | 34 | ... | ... | ... | 11 | 12 | 10 | 20 | 26 | 31 | 19 | 19 | 20 | § | § | § |
| Amritsar ... | 21 | 20 | 22 | 32 | 30 | 33 | ... | ... | ... | 11 | 10 | 10 | 20 | 20 | 25 | 18 | 20 | 17 | † | † | † |
| Peshâwar ... | 19 | 19 | 19 | 47 | 47 | 46 | ... | ... | ... | 11 | 11 | 10 | 29 | 34 | 26 | 24 | 23 | 15 | † | † | † |

† Not produced.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 30th APRIL 1890.**

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th April 1890. | Past fortnight ending 15th April 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 16 | 13 | 22 | 23 | 26 | 15 | 19 | 25 | 25 | 25 | 28 | 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 | |
| 22 | 22 | 16 | 28 | 27 | 28 | 24 | 22 | 30 | 12 | 12 | 11 | 9 8 | 10 0 | 13 0 | 8 8 | 8 8 | 8 0 | |
| 25 | 25 | 25 | 21 | 21 | 23 | 22 | 22 | 25 | † | † | † | 7 8 | 7 4 | 11 0 | 7 4 | 7 4 | 7 4 | |
| 31 | 31 | 25 | 24 | 26 | 28 | 21 | 23 | 30 | 13 | 13 | 13 | 9 8 | 9 4 | 13 8 | 8 3 | 8 3 | 7 6 | |
| 19 | 19 | 26 | 26 | 26 | 27 | 26 | 25 | 29 | † | † | ... | 9 0 | 10 0 | 15 0 | 8 0 | 8 0 | 8 8 | |
| 22 | 23 | 19 | 22 | 22 | 22 | 35 | 34 | 29 | 31 | 31 | 23 | 7 8 | 7 10 | 9 7 | 8 14 | 9 1 | 6 12 | |

† Not produced.

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## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890.

Explanation :—(c). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th Ap il. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| HISSAR. | Sirsa ... | 2·19 | 0·42 | 0·42 | ... | 0·21 | ... | 0·21 | A poor rabi harvested except on the Canal. Fodder is scarce, and cattle are suffering much from the scarcity of water. |
| | Fatahabad ... | 2·19 | 0·28 | 0·28 | ... | 0·62 | ... | 0·62 | |
| | Barwála ... | 2·28 | 0·31 | 0·31 | 0·43 | 0·53 | 0·43 | 0·96 | |
| | **Hissar** ... | **2·32** | **0·28** | **0·28** | ... | **0·55** | ... | **0·55** | |
| | Hánsi ... | 2·14 | 0·29 | 0·29 | 0·16 | 0·46 | 0·16 | 0·62 | |
| | Bhiwáni ... | 2·27 | 0·32 | 0·32 | ... | 0·54 | ... | 0·54 | |
| | Budhláda ... | ... | ... | ... | ... | 0·59 | ... | 0·59 | |
| | Dhaneta (c) ... | ... | ... | ... | ... | 1·21 | ... | 1·21 | |
| ROHTAK. | **Rohtak** ... | **2·70** | **0 28** | **0·28** | **0·25** | **0·65** | **0·25** | **0·90** | The wheat crop on Canal lands has all been cut and threshed. The outturn is above the average. Sowings of indigo, cotton and sugarcane are going on in the Canal lands in the tahsils of Gohána, parts of Rohtak and Sampla, and sugarcane only in some Dhari lands in Jhajjar Tahsíl. |
| | Gohána ... | 2·86 | 0·32 | 0·32 | 0·56 | 0·65 | 0·56 | 1·21 | |
| | Sámpla ... | 2·71 | 0·28 | 0 28 | ... | ... | ... | ... | |
| | Jhajjar ... | 2·50 | 0·32 | 0·32 | 0·12 | 1·03 | 0·12 | 1·15 | |
| GURGAON. | Farukhnagar ... | ... | ... | ... | ... | 1·34 | ... | 1·34 | Rabi crops all cut. Threshing at present going on. Extra rabi going on well lands, mostly chari, tobacco, chína, all doing fairly well. A little rain has fallen in Nuh enabling some ploughing to be done. Palwal watering in progress on Canal tracts, on which some indigo and cotton have been sown. Fodder scarce except perhaps in Palwal. Nahr crops so far inferior. Cattle have been worked on the wells, but do not appear to have suffered much. |
| | Játusána ... | ... | ... | ... | ... | 0·43 | .. | 0·43 | |
| | Rewári ... | 1·97 | 0·21 | 0·21 | ... | 0·50 | ... | 0·50 | |
| | Shahjahánpur ... | ... | ... | ... | ... | 0 95 | ... | 0·95 | |
| | Tauru ... | ... | ... | ... | ... | 0·15 | ... | 0 15 | |
| | Nuh ... | 2·15 | 0·24 | 0·24 | ... | 0·92 | ... | 0·92 | |
| | Fírozpur ... | 1·26 | 0·20 | 0·20 | ... | 0·70 | ... | 0·70 | |
| | Hodal ... | ... | ... | ... | ... | ... | .. | ... | |
| | Hattin ... | ... | ... | ... | 0·36 | 0·27 | 0·36 | 0·63 | |
| | Palwal ... | 1·86 | 0·25 | 0·25 | ... | 0·40 | ... | 0·40 | |
| | Sohna ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | **Gurgaon** ... | **2·44** | **0·17** | **0·17** | ... | **0·19** | ... | **0·19** | |
| | Punhana ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| DELHI. | Ballabgarh ... | 2·39 | 0·33 | 0·33 | 0·55 | 1·18 | 0·55 | 1·73 | Rabi reapings almost over. Rabi yield below average Canal irrigation resorted to when necessary. |
| | Mahrauli ... | ... | ... | ... | 0·14 | 0·80 | 0·14 | 0·94 | |
| | **Sadr (Delhi)** ... | **3·01** | **0·38** | **0·38** | **0·92** | **0·82** | 0·92 | **1·74** | |
| | Sonepat ... | 3·10 | 0·31 | 0·31 | 0 05 | 1·03 | 0·05 | 1·08 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(continued).

**Explanation :—(c).** Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| KARNAL. | Pánipat ... | 4·22 | 0·41 | 0·41 | 0·50 | 0·86 | 0·50 | 1·36 | Crop harvested ; such as there was, almost restricted to irrigated or inundated areas. Sugarcane being planted out. |
| | **Karnal** ... | **4·33** | **0·50** | **0 50** | **0·25** | **1·44** | **0·25** | **1 69** | |
| | Rajaund ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Kaithal ... | 1·95 | 0·27 | 0·27 | ... | 0·40 | ... | 0·40 | |
| | Gulah ... | ... | ... | ... | 0·30 | 1·33 | 0·30 | 1·63 | |
| UMBALLA. | Pipli ... | 4·29 | 0·46 | 0·46 | 0·50 | 0 65 | 0·50 | 1·15 | Rabi harvested : outturn poor. |
| | Jagádhri ... | 5·86 | 0·64 | 0·64 | 0·03 | 1·70 | 0 03 | 1·73 | |
| | **Umballa** ... | **5 42** | **0·65** | **0·65** | **1·58** | **1·40** | **1·58** | **2·98** | |
| | Naráingarh ... | 6·37 | 0·66 | 0·66 | 2·18 | 0·99 | 2·18 | 3·17 | |
| | Kharar ... | 5·49 | 0·57 | 0·57 | 1·01 | 2 71 | 1·01 | 3·72 | |
| | Rúpar ... | 5·18 | 0.46 | 0·46 | 1·12 | 2·88 | 1·12 | 4·00 | |
| | Kotra (c) ... | ... | ... | ... | ... | 0·35 | ... | 0·35 | |
| | Jodhpur (c) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki (c) ... | ... | ... | ... | 0·15 | 0·70 | 0·15 | 0 85 | |
| | Dádapur (c) ... | ... | ... | ... | ... | 0·33 | ... | 0·33 | |
| SIMLA. | Kasauli ... | 10·75 | 2·80 | 2·80 | 1·79 | 3 69 | 1·79 | 5 48 | Crops below the average. Corps have been largely reaped that not threshed. |
| | Barauli ... | 8·69 | 2·52 | 2·52 | 1·97 | 4·49 | 1·97 | 6·46 | |
| | **Simla** ... | **11·09** | **2 87** | **2·87** | **2·89** | **3·78** | **2·89** | **66·7** | |
| | Kot Khár ... | 9·73 | 2·66 | 2·66 | 3·24 | 4·20 | 3·24 | 7·44 | |
| | Kotgarh ... | 10·63 | 2·98 | 2·98 | 3·24 | 4·20 | 3·24 | 7·44 | |
| | Kilba ... | ... | 3·51 | 3·51 | 7·10 | 15·31 | 7·10 | 22·41 | |
| KANGRA. | Plách ... | 7·94 | 1·01 | 1·01 | 3·90 | 5·60 | 3·90 | 9 50 | Rabi crops being harvested : Outturn poor on all but irrigated lands. |
| | Kulu ... | 8·90 | 1·22 | 1·22 | 3·73 | 10·71 | 3·73 | 14·44 | |
| | Nagar ... | 24·02 | 4·75 | 4·75 | 3·56 | 9·04 | 3·56 | 12·60 | |
| | Pálampur ... | 14·81 | 1 92 | 1·92 | 2·62 | 10·29 | 2·62 | 12 91 | |
| | Hamírpur ... | 7·86 | 0·93 | 0·93 | 1·62 | 6·97 | 1·62 | 8·59 | |
| | Dera ... | 9·56 | 1·07 | 1·07 | 1·03 | 6·18 | 1 03 | 7 21 | |
| | Kángra ... | 9·76 | 1·17 | 1·17 | 2·14 | 5·05 | 2·14 | 7·19 | |
| | **Dharmsala** ... | **17·14** | **2·13** | **2·13** | **2·20** | **8·46** | **2 20** | **10 66** | |
| | Núrpur ... | 12·69 | 1·29 | 1·29 | 0·62 | 3·17 | 0 62 | 3·79 | |
| HOSHIARPUR. | Dasúya ... | 6·91 | 0·74 | 0·74 | 0·32 | 2·20 | 0·32 | 2·52 | The rabi crops have been cut and gathered and are now being threshed. Owing to the suspension of rain at the proper time the yield has not been good, but the rain that fell at the end of March has developed the grain and made it substantial. The subsequent rain in this and in the previous month has also benefited the standing sugarcane, cotton, tobacco and melon corps. |
| | Una ... | 6·91 | 0·79 | 0·79 | 0·39 | 2·49 | 0·39 | 2·88 | |
| | Garhshankar ... | 6·40 | 0·67 | 0·67 | 0·32 | 1·53 | 0·32 | 1·85 | |
| | **Sadr Station** ... | **6 22** | **0·69** | **0·69** | **0·46** | **2 57** | **0·46** | **3·03** | |
| | Hoshiárpur ... | 6·22 | 0·69 | 0·6[illegible] | 0·41 | 2·84 | 0·41 | 3·25 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| JULLUNDUR. | Jullundur ... | 4·99 | 0·62 | 0·62 | 0·30 | 1·68 | 0·30 | 1·98 | Rabi crops being reaped. Sugar-cane weeding commenced. |
| | Nakodar ... | 5·00 | 0·63 | 0·63 | 0·59 | 1·80 | 0·59 | 2·39 | |
| | Phillour ... | 5·67 | 0·62 | 0·62 | 0·54 | 2·18 | 0·54 | 2·72 | |
| | Nawashahr ... | 5·96 | 0·61 | 0·61 | 0·37 | 1·88 | 0·37 | 2·25 | |
| LUDHIANA. | Samrála ... | 5·81 | 0·76 | 0·76 | 0·28 | 1·66 | 0·28 | 1·94 | Rabi crops reaped. Produce of irrigated lands is good, but that of baráni lands is below average owing to insufficient rainfall. |
| | Ludhiana ... | 6·23 | 0·91 | 0·91 | 0·50 | 2·26 | 0·50 | 2·76 | |
| | Jagraon ... | 4·36 | 0·56 | 0·56 | 0·22 | 0·64 | 0·22 | 0·86 | |
| FEROZEPORE | Moga ... | 3·88 | 0·61 | 0·61 | 0·35 | 0·47 | 0·35 | 0·82 | Reaping operation completed. Threshing still continued. The outturn of the rabi for the district is about the average. The rain during the month caused no damage. The health of the people is fair. The water of the Sirhind Canals was not sufficient to the demand for the extra rabi sowings. |
| | Zíra ... | 4·37 | 0·70 | 0·70 | 0·71 | 1·02 | 0·71 | 1·73 | |
| | Ferozepore ... | 3·82 | 0·60 | 0·60 | 0·30 | 0·91 | 0·30 | 1·21 | |
| | Ferozepore City ... | 3·82 | 0·60 | 0·60 | 0·29 | 0·89 | 0·29 | 1·18 | |
| | Muktsar ... | 2·12 | 0·48 | 0·48 | ... | 0·08 | ... | 0·08 | |
| | Fázilka ... | 2·09 | 0·49 | 0·49 | ... | 0·52 | ... | 0·52 | |
| | Nathána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| MOOLTAN. | Mailsi ... | 0·85 | 0·24 | 0·24 | 0·80 | 0·12 | 0·80 | 0·92 | Condition of crops fair. |
| | Lodhrán ... | 1·26 | 0·36 | 0·36 | ... | 0·07 | ... | 0·07 | |
| | Shujabad ... | 1·55 | 0·39 | 0·39 | ... | 0·36 | ... | 0·36 | |
| | Mooltan ... | 1·52 | 0·35 | 0·35 | ... | 0·50 | ... | 0·50 | |
| | Kabirwala ... | 1·44 | 0·35 | 0·34 | ... | 0·20 | ... | 0·20 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 2·16 | 0·48 | 0·48 | ... | 0·46 | ... | 0·46 | Prospects fair. Crops cut. |
| | **Jhang** ... | **2·26** | **0 48** | **0·48** | **0·01** | **0 55** | **0 01** | **0·56** | |
| | Chiniot ... | 2·77 | 0·70 | 0·70 | 0·20 | 1·53 | 0·2[illegible] | 1·73 | |
| Montgomery. | Gugera ... | 1·70 | 0·19 | 0·19 | 0·31 | 0·76 | 0·31 | 1·07 | Harvesting operations are going on. The crops are generally poor. There is also scarcity of fodder. There is no water in the canals, and the Ravi is dry. |
| | **Montgomery** ... | **2 20** | **0·25** | **0·25** | ... | **0·50** | ... | **0·50** | |
| | Pákpattan ... | 1·70 | 0·23 | 0·23 | ... | 0·62 | ... | 0·62 | |
| | Dipálpur ... | 1·65 | 0·25 | 0·25 | 0·03 | 0 76 | 0·03 | 0·79 | |
| Lahore. | Van (c) ... | 2·53 | 0·64 | 0·64 | 0·16 | 2·52 | 0·16 | 2·68 | Slight rain fell during the month in all parts of the district. Near Lahore, heavy rain fell on the 25th. The gram lying out in the fields was injured in places, but not to a great extent. Two or three severe storms of wind during the month. Harvesting in progress. Outturn promises well. Cotton, sugarcane and chari sowings commenced. Cattle badly off for fodder. General health good. |
| | Chunián ... | 3·35 | 0·53 | 0·53 | ... | 1·84 | ... | 1·84 | |
| | Kasúr ... | 3·28 | 0·62 | 0·62 | 0·29 | 2·05 | 0·29 | 2·34 | |
| | Pambe (c) ... | 2·83 | 0·45 | 0·45 | 0·35 | 0·82 | 0·35 | 1·17 | |
| | Sharakpur ... | 2·61 | 0·45 | 0·45 | 0·60 | 1·27 | 0·60 | 1·87 | |
| | Niáz Beg (c) ... | 3·77 | 0·70 | 0·70 | 0·30 | 1·40 | 0·30 | 1·70 | |
| | **Lahore** ... | **4·00** | 0·59 | **0·59** | **1·32** | **1·08** | **1·32** | **1·40** | |
| | Meean Meer (c) ... | 4 60 | 0·85 | 0·85 | 1·45 | 1·12 | 1·45 | 2·57 | |
| | Maniháls (c) ... | 3·60 | 0·54 | 0·54 | 0·38 | 2·17 | 0·38 | 2·55 | |
| | Dafthu (c) ... | ... | ... | ... | 0·29 | 1·26 | 0·29 | 1·55 | |
| Amritsar. | Buchar (c) ... | 2·86 | 0·43 | 0·43 | 0·42 | 1·31 | 0·42 | 1·73 | Rabi crops being harvested. Health of people good. No complaints against Canal working. |
| | Khara (c) ... | 2·37 | 0·72 | 0·72 | 1·13 | 2·83 | 1·13 | 3·96 | |
| | Tarn Táran ... | 3·89 | 0·54 | 0·54 | 0·78 | 1·43 | 0·73 | 2·21 | |
| | Raya (c) ... | 3·73 | 0·48 | 0·48 | 0·68 | 1 55 | 0·68 | 2·23 | |
| | Jandiála (c) ... | 3·72 | 0·35 | 0·35 | 0·62 | 1·61 | 0·62 | 2·23 | |
| | Jail Hospital ... | 4·46 | 0·65 | 0·65 | 1·19 | 1·15 | 1·19 | 2·34 | |
| | **Amritsar Sadr** ... | **4·46** | **0 65** | **0·65** | **0·83** | **1·60** | **0·83** | **2·43** | |
| | Amritsar (c) ... | ... | ... | ... | 1·15 | 1·24 | 1·15 | 2·39 | |
| | Buggeh (c) ... | 2·89 | 0·49 | 0·49 | 0·80 | 1·62 | 0·80 | 2·42 | |
| | Ajnála ... | 3·48 | 0·51 | 0·51 | 0·78 | 1·43 | 0·78 | 2·21 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (*c*) ... | 6·10 | 0·58 | 0·58 | 1·30 | 1·01 | 1·30 | 2·31 | Rabi crop being reaped. Health of people good. |
| | Batála ... | 5·91 | 0·64 | 0·64 | 0·49 | 1·16 | 0·49 | 1·65 | |
| | Kaler (*c*) ... | 7·49 | 0·65 | 0·65 | 0·20 | 1·84 | 0·20 | 2·04 | |
| | Tibri (*c*) ... | 7·18 | 0·67 | 0·67 | 0·43 | 1·15 | 0·43 | 1·58 | |
| | **Gurdaspur** ... | **6·55** | **0·53** | **0·53** | **0·60** | **2·07** | **0·60** | **2·67** | |
| | Bhimpur (*c*) ... | 9·62 | 0·81 | 0·81 | 0·87 | 2·04 | 0·87 | 2·91 | |
| | Pathánkot (*c*) ... | 8·59 | 0·92 | 0·92 | 0·61 | 2·78 | 0·61 | 3·39 | |
| | Dalhousie ... | 11·36 | 1·70 | 1·70 | 2·47 | 7·77 | 2·47 | 10·24 | |
| | Mádhopur (*c*) ... | 10·14 | 1·14 | 1·14 | 0·60 | 2·45 | 0·60 | 3·05 | |
| | Shakargarh ... | 8·52 | 0·82 | 0·82 | 0·50 | 2·00 | 0·50 | 2·50 | |
| SIALKOT. | Zafarwál ... | 6·62 | 1·57 | 1·57 | 2·25 | 2·26 | 2·25 | 4·51 | The rabi crops where they have come to muturity promise a larger yield than was anticipated. The outturn of grain is above the average compared with the outturn of the straw. The rain at the end of the month did a little damage to the crops gathered ready for threshing. But the rain was most opportune for the extra rabi and kharif crops and will allow of some late sowings of sugarcane and cotton and early sowings of fodder crops. Notwithstanding this, the unirrigated sugarcane and cotton will probably be less than the average. The great difficulty is in fodder, and to some rain tracts cattle have been sent away because of it. |
| | Pasrúr ... | 5·98 | 1·66 | 1·66 | 1·68 | 1·51 | 1·68 | 3·19 | |
| | Raya ... | 3·63 | 1·08 | 1·08 | 0·74 | 1·43 | 0·74 | 2·17 | |
| | Daska ... | 5·29 | 1·38 | 1·38 | 1·80 | 1·81 | 1·80 | 3·61 | |
| | **Sialkot** ... | **6·71** | **1·62** | **1·62** | **1·62** | **2·23** | **1·62** | **3·85** | |
| GUJRAT. | **Sadr** ... | **7·20** | **1·27** | **1·27** | **0·90** | **1·51** | 0·90 | **2·41** | Rain fall at end of the month too late to benefit extra rabi crops. Crops being harvested. Chari is being sown and some late cotton. |
| | Gujrát ... | 7·20 | 1·27 | 1·27 | 0·89 | 1·43 | 0·89 | 2·32 | |
| | Khárián ... | 7·81 | 1·42 | 1·42 | 1·33 | 1·81 | 1·33 | 3·14 | |
| | Phália ... | 5·39 | 1·13 | 1·13 | 0·55 | 2·23 | 0·55 | 2·78 | |
| GUJRANWALA. | Rámnagar ... | 4·29 | 0·75 | 0·75 | 0·63 | 1·64 | 0·63 | 2·27 | Barley harvested Wheat being cut. Harvest operations retarded by the general rainfall during the last days of the month which caused some damage to crops on the ground, but has been of great use for the kharif sowings of moth, mash, jowár and cotton. The outturn of the rabi is good in grain, poor in straw, and pasture will continue to be scarce. Hail did slight damage in some villages of the Gujránwála Tahsíl. |
| | Wazirabad ... | 5·55 | 0·90 | 0·90 | 0·80 | 1·40 | 0·80 | 2·20 | |
| | **Sadr Kacheri** ... | **5·24** | **0·90** | **0·90** | **1·20** | **2·86** | **1·20** | **4·06** | |
| | Shekhupura ... | 2·26 | 0·41 | 0·41 | 0·30 | 0·90 | 0·30 | 1·20 | |
| | Háfizabad ... | 4·07 | 0·67 | 0·67 | ... | 1·35 | ... | 1·35 | |
| | Meluana (*c*) ... | ... | ... | ... | ... | 1·81 | ... | 1·81 | |
| | Shahkot (*c*) ... | ... | ... | ... | 0·60 | 2·23 | 0·60 | 2·83 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | ... | ... | ... | 1·68 | ... | 1·68 | There has been a little rain. The prices hold firm at 19 seers. There has been a fall of hail in three or four villages. Crops are being cut. Fodder sufficient. |
| | Sahiwál ... | 2·74 | 1·75 | 1·75 | 0·21 | 0·81 | 0·21 | 1·02 | |
| | Núrpur ... | 1·23 | 0·05 | 0·05 | ... | 0·73 | ... | 0·73 | |
| | Mitha Tiwána ... | 2·75 | 0·72 | 0·72 | 0·02 | 0·40 | 0·02 | 0·42 | |
| | Sakesar ... | 2·31 | 0·50 | 0·50 | 0·80 | 0·60 | 0·80 | 1·40 | |
| | Naushahra ... | 3·45 | 1·20 | 1·20 | 1·04 | 1·50 | 1·04 | 2·54 | |
| | Khusháb ... | 2·56 | 0·57 | 0·57 | 0·24 | 1·02 | 0·24 | 1·26 | |
| | **Shahpur** ... | **3·58** | **0 62** | **0·62** | **0·53** | **1·03** | **0·53** | **1·56** | |
| | Bhera ... | 3·60 | 0·63 | 0·63 | 0·37 | 0·44 | 0·37 | 0·81 | |
| | Miáni ... | 5·03 | 1·00 | 1·00 | 0·20 | 1·60 | 0 20 | 1·80 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | 0·72 | 0 72 | 0·45 | 1·76 | 0·45 | 2·21 | There has been rainfall in four tahsíls for sowing kharíf crops. It is feared that the fall of rain will somewhat blacken the stocks of wheat. Endeavours are being made to destroy eggs of locusts in Tahsil Chakwál. Revenue Officer 14 days was on tour during the month. |
| | **Sadr Station** ... | **6·03** | **1·01** | **1·01** | **2·11** | **1·69** | **2·11** | **3·80** | |
| | Chakwál ... | 4·13 | 0·88 | 0·88 | 1·21 | 1·81 | 1·21 | 3·02 | |
| | Talagang ... | 4·80 | 0·77 | 0·77 | 0·94 | 1·66 | 0·94 | 2·60 | |
| Rawalpindi. | Pindigheb ... | 5 13 | 1·41 | 1·41 | 1·74 | 2·14 | 1 74 | 3·88 | Rabi being reaped. Kharíf is being sown. (Pindigheb to Kahúta) |
| | Fatahjang ... | 10 10 | 1·55 | 1·55 | 0·70 | 3·83 | 0·70 | 4·53 | |
| | Attock ... | 7·15 | 3·10 | 3·10 | 1·60 | 1·90 | 1 60 | 3·50 | |
| | **Rawalpindi** ... | **8·56** | **2·34** | **2·34** | **1·64** | **4·07** | **1·64** | **5·71** | |
| | Gujar Khan ... | 10·17 | 1 80 | 1·80 | 2·60 | 4·55 | 2·60 | 7 15 | |
| | Kahúta ... | 12·04 | 1·65 | 1·65 | 1·46 | 2·94 | 1·46 | 4·40 | |
| | Murree ... | 12·85 | 4·22 | 4·22 | 3·70 | 3·40 | 3·70 | 7 10 | Rabi prospect below average. Health of people good. Locusts in Attock, Pindigheb and Fatahjang tahsíls in the month under report. |
| Hazara. | **Abbott-abad** ... | **15·31** | **3 29** | **3 29** | **4·26** | **6 81** | **4·26** | **11·07** | The rain came too late to help the crops ruined by drought on unirrigated lands in Haripur. Crops reaped in Kuli Badnak, Khari Gandghur and work going on in other parts of Tahsíl Haripur, meanwhile kharíf sowings of moth and cotton commenced in Mansáhra and Haripur. In Abbott-abad oil-seeds being reaped and sowings on hill tops commenced. Health of people good. Prices stationary. Locusts visited Balakot and Pakhli in Mansáhra, but did no harm. The Revenue Extra Assistant Commissioner spent 22 days on tour. |
| | Mansáhra ... | 12·76 | 2·85 | 2·85 | 5·17 | 6·59 | 5·17 | 11·76 | |
| | Haripur ... | 10 95 | 2·35 | 2·35 | 0·93 | 3·60 | 0·93 | 4·53 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 6·86 | 2·56 | 2·56 | 1·41 | 5·43 | 1·41 | 6·84 | The rain which fell during the month was injurious to the standing and cut rabi crops. Mustard has been harvested. The yield on irrigated lands is good and that on unirrigated lands bad. Sugarcane cultivation completed. Cotton and rice are being sown. Locusts have been observed in the Peshàwar and Doáb Daudzai Tahsíls coming from the west and in the Utmán Bolak Tahsil coming from the south-west. No damage done, but eggs laid in a few localities, where they have been destroyed as far as possible, and full instructions have been issued for destruction of the young locusts when they appear. Fodder supply sufficient. |
| | Lahore (Utmán Bolak) | 8·95 | 2·85 | 2·85 | 1·14 | 1·90 | 1 14 | 3·04 | |
| | Naushahra ... | 7·40 | 2·66 | 2·66 | 1·26 | 3·93 | 1·26 | 5·19 | |
| | Mardán ... | 9·48 | 3·14 | 3·14 | 1·78 | 3 72 | 1·78 | 5·50 | |
| | Katlang ... | 7·43 | 2·46 | 2·46 | 1·30 | 4·07 | 1·30 | 5·37 | |
| | Hashtnagar ... | 6·00 | 2·01 | 2·01 | 1·13 | 1·53 | 1·13 | 2·66 | |
| | Doáb Daudzai ... | 6·92 | 2·35 | 2·35 | 0·80 | 2·00 | 0·80 | 2 80 | |
| | **Peshawar** ... | **5·82** | **1·77** | **1·77** | **2·09** | **1·66** | **2·09** | **3·75** | |
| Kohat. | **Kohat** ... | **6 48** | **1·52** | **1·52** | **2·76** | **3·38** | **2·76** | **6·14** | Rabi crop is over and is being harvested. There was good rain during the month. The hailstones which fell in most of the villages of Toi I. and "Chinán Payan" Circles did much damage to the standing crops. Locusts appeared in small swarms, but did no damage. Water in Toi and springs is sufficient. |
| | Hangu ... | ... | ... | ... | 1·50 | 2·70 | 1 50 | 4·20 | |
| | Thal ... | ... | ... | ... | 3·68 | 2 00 | 3·68 | 5·68 | |
| | Karak ... | ... | ... | ... | 3·40 | 2·46 | 3·40 | 5·86 | |
| Bannu. | Miánwáli ... | 2·95 | 1·48 | 1·48 | ... | 0·38 | ... | 0·38 | Wheat and gram crops have suffered owing to hail and continuous rain. Prices of grain rising. Canals working good. |
| | Isa Khel ... | 3·13 | 1·26 | 1·26 | 0·48 | 2·18 | 0 48 | 2·66 | |
| | **Bannu** ... | **3·79** | **1·37** | **1·37** | **1·76** | **2·27** | **1·76** | **4·03** | |
| | Marwat ... | 4·72 | 1·73 | 1·73 | 0·79 | 3·98 | 0·79 | 4·77 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th April. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th April 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·45 | 1·35 | 1·35 | 1·58 | 0·97 | 1 58 | 2·55 | Reaping of crops nearly finished. Extra rabi and cotton crop was in good condition. Fodder supply, it is hoped, will be increased by these rains. Prices rising. |
| | Kuláchi ... | 2·26 | 0 74 | 0·74 | 2·08 | 0·98 | 0·20 | 1·18 | |
| | **Dera I. Khan** ... | **2·52** | **0 77** | **0·77** | **0·19** | **0·52** | **0·19** | **0·71** | |
| | Bhakkar ... | 2·98 | 0·65 | 0·65 | ... | 0·65 | ... | 0·65 | |
| | Leiah ... | 1·74 | 0·65 | 0·65 | 0·22 | 0·01 | 0·22 | 0·23 | |
| D. G. Khan. | Sangarh ... | 1·42 | 0·30 | 0·30 | 0·16 | 0·30 | 0·16 | 0 46 | Crops being cut. Outturn is reported to be average. Canals have begun to flow. Hail fell in Jámpur Tahsíl on 24th April 1890, but did no injury. |
| | **Dera G. Khan** ... | **1·86** | **0·35** | **0 35** | **0·20** | **0·46** | **0·20** | **0·66** | |
| | Fort Munro ... | 0·92 | 0·70 | 0·70 | ... | ... | ... | ... | |
| | Jámpur ... | 1·88 | 0·28 | 0·28 | 0·14 | 0·69 | 0·14 | 0·83 | |
| | Rájanpur ... | 3·24 | 0·18 | 0·18 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 2·30 | 0·63 | 0·63 | ... | 0·10 | ... | 0·10 | Preparation being made in Muzaffargarh and Sinánwan Tahsíls for kharíf crops. Kharíf crops fair in Alipur Tahsíl. The canals are not running yet. The Rivers Indus and Chenab are not high enough for the canals to run. |
| | **Muzaffargarh** ... | **1·37** | **0 34** | **0·34** | **0·23** | **0·61** | **0 23** | **0·84** | |
| | Sinánwán ... | 1·28 | 0·28 | 0·28 | ... | 1·19 | ... | 1 19 | |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

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### Memo. of Errors to the Agricultural Prospect Report for the months of February and March 1890.

Against *Plach* (*Kángra District*)—in Columns 6, 7 and 9 insert 1·70, 3·30 and 3·30 instead of 1·40, 3·00 and 3·00 respectively.

Against *Kulu* (*Kángra District*)—in Columns 6, 7 and 9 insert 4·47, 6 27 and 6·27 instead of 5·55, 7·35 and 7·35 respectively.

Against *Nagar* (*Kángra District*)—in Columns 6, 7 and 9 insert 3·00, 5·10 and 5·10 instead of 1·70, 3·80 and 3·80 respectively.

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Against *Plach* (*Kángra District*)—in Columns 7 and 9 insert 5·60 and 5·60 instead of 5·30 and 5·30 respectively.

Against *Kulu* (*Kángra District*)—in Columns 7 and 9 insert 10·71 and 10·71 instead 11·79 and 11·79 respectively.

Against *Nagar* (*Kángra District*)—in Columns 7 and 9 insert 9·04 and 9·04 instead of 7·74 and 7·74 respectively.

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 19th APRIL 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 1 | ... | 1 | 4 | 3 | 1 | ... | ... | 1 | ... | ... | 3 | ... | ... | ... | 4 | 15 |
| 2 | | Hansi ... | 12,656 | 7 | 3 | 10 | 22 | 8 | 14 | ... | ... | 19 | ... | ... | 3 | 1 | 4 | 5 | 41 | 91 |
| 3 | | Bhiwani ... | 33,762 | 6 | 7 | 13 | 47 | 22 | 25 | ... | ... | 19 | 3 | ... | 25 | 6 | 5 | 11 | 20 | 72 |
| 4 | | Sirsa ... | 12,292 | 1 | ... | 1 | 13 | 9 | 4 | ... | ... | 9 | ... | ... | 4 | ... | 3 | 3 | 4 | 55 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 6 | 10 | 15 | 8 | 7 | ... | ... | 9 | 1 | ... | 5 | 2 | 4 | 6 | 33 | 50 |
| 6 | | Jhajjar ... | 11,650 | 2 | 3 | 5 | 13 | 4 | 9 | ... | ... | 8 | 1 | ... | 4 | ... | 2 | 2 | 22 | 58 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 8 | 4 | 12 | 24 | 14 | 10 | ... | 1 | 16 | 1 | ... | 6 | 1 | ... | 1 | 26 | 51 |
| 8 | | Palwal ... | 10,635 | 6 | 4 | 10 | 24 | 8 | 16 | ... | ... | 16 | ... | ... | 8 | 1 | 4 | 5 | 49 | 118 |
| 9 | Delhi ... | Delhi ... | 117,363 | 26 | 41 | 67 | 118 | 61 | 57 | ... | 2 | 60 | 6 | 1 | 49 | 16 | 15 | 31 | 30 | 52 |
| 10 | | " Suburbs ... | 52,882 | 12 | 17 | 29 | 27 | 16 | 11 | ... | ... | 16 | ... | ... | 11 | 4 | 2 | 6 | 29 | 27 |
| 11 | | Sonepat ... | 13,077 | 7 | 2 | 9 | 18 | 11 | 7 | ... | ... | 13 | ... | ... | 5 | 2 | 1 | 3 | 36 | 72 |
| 12 | Karnal ... | Karnal ... | 23,133 | 3 | 7 | 10 | 34 | 15 | 19 | ... | 2 | 22 | 1 | ... | 9 | 1 | 1 | 2 | 23 | 76 |
| 13 | | Kaithal ... | 14,754 | 1 | 7 | 8 | 11 | 2 | 9 | ... | ... | 5 | 3 | ... | 3 | ... | 2 | 2 | 28 | 39 |
| 14 | | Panipat ... | 26,572 | 2 | 6 | 8 | 28 | 10 | 18 | ... | 1 | 12 | 1 | ... | 14 | 1 | 1 | 2 | 16 | 55 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 3 | 9 | 28 | 15 | 13 | ... | ... | 15 | 3 | ... | 10 | 2 | 2 | 4 | 18 | 55 |
| 16 | | Jagadhri ... | 12,300 | 2 | 1 | 3 | 6 | 4 | 2 | ... | ... | 2 | 1 | ... | 3 | 1 | ... | 1 | 13 | 25 |
| 17 | | Shahabad ... | 10,218 | 4 | 3 | 7 | 8 | 4 | 4 | ... | 3 | 4 | 1 | ... | ... | ... | 1 | 1 | 36 | 41 |
| 18 | | Sadhaura ... | 10,794 | ... | 2 | 2 | 9 | 5 | 4 | ... | ... | 5 | 2 | ... | 2 | 2 | 1 | 3 | 10 | 43 |
| 19 | | Rupar ... | 10,326 | 4 | 4 | 8 | 10 | 4 | 6 | ... | 2 | 6 | 1 | ... | 1 | ... | ... | ... | 40 | 50 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 7 | 4 | 11 | 16 | 7 | 9 | ... | ... | 7 | 1 | ... | 8 | 2 | 3 | 5 | 43 | 63 |
| 21 | | Tanda and Urmar ... | 10,295 | 3 | 2 | 5 | 2 | ... | 2 | ... | ... | 2 | ... | ... | ... | ... | 1 | 1 | 25 | 10 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 11 | 11 | 22 | 38 | 19 | 19 | ... | ... | 22 | 2 | ... | 14 | 5 | 4 | 9 | 37 | 64 |
| 23 | | " Suburbs ... | 11,474 | 5 | ... | 5 | 9 | 5 | 4 | ... | ... | 6 | ... | ... | 3 | 2 | ... | 2 | 23 | 41 |
| 24 | | Rahon ... | 11,736 | 5 | 5 | 10 | 12 | 4 | 8 | ... | ... | 11 | ... | ... | 1 | 1 | 2 | 3 | 44 | 53 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 11 | 12 | 23 | 30 | 14 | 16 | ... | ... | 24 | 1 | ... | 5 | 3 | 2 | 5 | 27 | 35 |
| 26 | | Jagraon ... | 16,873 | 6 | 8 | 14 | 17 | 13 | 4 | ... | ... | 8 | ... | ... | 9 | 6 | 3 | 9 | 43 | 53 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 9 | 3 | 12 | 12 | 7 | 5 | ... | ... | 7 | ... | ... | 5 | 1 | 2 | 3 | 30 | 30 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 11 | 2 | 13 | 19 | 11 | 8 | ... | ... | 9 | ... | 2 | 8 | 4 | 1 | 5 | 21 | 31 |
| 29 | | " Suburbs ... | 25,593 | 4 | 1 | 5 | 12 | 3 | 9 | ... | ... | 7 | ... | ... | 5 | ... | 1 | 1 | 10 | 24 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 5 | 10 | 6 | 2 | 4 | ... | ... | 2 | ... | ... | 4 | ... | 2 | 2 | 41 | 25 |
| 31 | | Chiniot ... | 10,731 | 5 | 3 | 8 | 6 | 2 | 4 | ... | ... | 5 | ... | ... | 1 | ... | 4 | 4 | 39 | 29 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 32 | 21 | 53 | 87 | 47 | 40 | ... | ... | 60 | 1 | ... | 26 | 9 | 6 | 15 | 28 | 47 |
| 33 | | " Suburbs ... | 41,670 | 5 | 4 | 9 | 16 | 12 | 4 | ... | ... | 6 | ... | ... | 10 | 1 | ... | 1 | 11 | 20 |
| 34 | | Kasur ... | 17,336 | 7 | 3 | 10 | 7 | 2 | 5 | ... | ... | 3 | 1 | ... | 3 | ... | 1 | 1 | 30 | 21 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 31 | 36 | 67 | 207 | 117 | 90 | ... | ... | 116 | 1 | ... | 90 | 22 | 18 | 40 | 24 | 75 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 7 | 10 | 17 | 16 | 10 | 6 | ... | 2 | 12 | ... | ... | 4 | 2 | 1 | 3 | 37 | 34 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 16 | 8 | 24 | 34 | 15 | 19 | ... | 3 | 8 | ... | ... | 23 | 2 | 4 | 6 | 37 | 52 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 7 | 2 | 9 | 19 | 11 | 8 | ... | ... | 14 | ... | ... | 5 | 4 | ... | 4 | 25 | 53 |
| 39 | | Jalalpur ... | 12,839 | 2 | 1 | 3 | 13 | 8 | 5 | ... | ... | 6 | ... | ... | 7 | 3 | ... | 3 | 12 | 53 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 11 | 8 | 19 | 22 | 17 | 5 | ... | 1 | 9 | 1 | 1 | 10 | 5 | 2 | 7 | 43 | 50 |
| 41 | | Wazirabad ... | 16,462 | 2 | 5 | 7 | 9 | 5 | 4 | ... | ... | 4 | 1 | ... | 4 | 1 | 3 | 4 | 22 | 29 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 6 | 4 | 10 | 8 | 5 | 3 | ... | ... | 4 | ... | ... | 4 | ... | ... | ... | 34 | 28 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 1 | 2 | 3 | 5 | 2 | 3 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | 9 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 3 | 6 | 15 | 12 | 3 | ... | ... | 11 | 1 | ... | 3 | 1 | ... | 1 | 19 | 47 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 11 | 15 | 26 | 48 | 27 | 21 | ... | 1 | 33 | 1 | ... | 13 | 1 | 2 | 3 | 49 | 90 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 15 | 17 | 32 | 23 | 12 | 11 | ... | 1 | 13 | ... | 1 | 8 | 1 | 2 | 3 | 28 | 20 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 2 | 7 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | 2 | ... | 2 | 27 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 8 | 3 | 11 | 8 | 6 | 2 | ... | ... | 5 | 2 | ... | 1 | 2 | ... | 2 | 30 | 22 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 7 | 3 | 10 | 11 | 8 | 3 | ... | ... | 7 | ... | ... | 4 | 2 | 1 | 2 | 27 | 29 |
| | Birth and death rate of London for the week ending 29th March 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·0 | 18·5 |
| | Grand Total ... | | 1,311,330 | 360 | 323 | 683 | 1193 | 630 | 563 | ... | 17 | 688 | 38 | 5 | 445 | 121 | 113 | 234 | 27 | 47 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... ... | | 12,305 | 2 | 1 | 3 | 22 | 19 | 3 | ... | ... | 17 | ... | ... | 5 | 2 | ... | 2 | 13 | 93 |
| | Dharmsala ... ... ... ... | | 3,839 | ... | ... | ... | 3 | 2 | 1 | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | ... | 41 |
| | Dalhousie ... ... ... ... | | 870 | ... | ... | ... | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 120 |
| | Murree ... ... ... ... | | 2,489 | 2 | 1 | 3 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 63 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 12th May 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore.—15-5-90—600.

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 19th April 1890.*

*General Results.*—The total deaths registered from all causes in the Province were 11,491 against 10,624 in the previous week and 7,299 in the corresponding week of the past year, giving respectively an annual death-rate of 31·8, 29·4 and 20·2 per 1,000 of population. The death-rate for the week is higher than the very high death-rate recorded last week, and is 9·9 per 1,000 higher than the average rate of the corresponding week for the five years 1885—1889, which was 21·9 per 1,000. This very high mortality is principally due to the very large number of deaths recorded under 'Fevers.'

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 279 deaths were registered against 282 in the previous week and 138 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,302 deaths against 7,612 in the previous week and 4,897 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 208 deaths against 241 and 269.

*Chest disease.*—Seven hundred and five against 612 and 569.

*Snake-bite.*—Ten against 6 and 15.

*Hydrophobia.*—One against 0 and 1.

*All other causes.*—One thousand nine hundred and eighty-six against 1,863 in the previous week and 1,420 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand four hundred and eighteen deaths were registered in the Province amongst infants under one year of age, of which number 1,318 were males and 1,100 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,193 deaths were registered (630 males and 563 females), giving a death-rate of 47 per mille of population; 683 births were registered (360 males and 323 females), giving a birth-rate of 27 per mille of population. The registered death-rate was very high in the Municipal towns of Palwal, Hánsi, Ráwalpindi, Karnál and Amritsar. The death-rate of the 49 principal towns is 19 per 1,000 higher than the average death-rate of these towns (28 per 1,000) for the preceding five years, and is 16·8 per 1,000 higher than the death-rate of the rest of the Province.

LAHORE: } A. STEPHEN, SURGEON-MAJOR,

*The 13th May 1890.* } *Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore.—15-5-90—690.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 22, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 20th MAY 1890.

| No. | Reporting Station. | Rain. | Fodder supply. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Rabi. | Kharif. |
| 1 | Hissar ... | 1·29 at Hissar. 0·28 in Sirsa. 0·25 in Fatahabad. 0·63 in Barwála. 1·01 in Hánsi. 1·04 in Bhiwáni. | Fodder scarce. | Stationary. | Crops harvested. | ... |
| 2 | Delhi ... | 0·16 | Do. | Fluctuating. | ... | Sugar-cane cultivation progressing. |
| 3 | Umballa ... | 0·04 | ... | Stationary. | Crops harvested. Outturn very poor. | ... |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | Threshing in progress; condition of extra rabi average. | ... |
| 5 | Ferozepore ... | 0·04 in Zíra. | Fodder sufficient. | Do. | Threshing nearly completed. | ... |
| 6 | Amritsar ... | 0·17 in Tarn Táran. Hail in several villages of Amritsar. | Do. | Do. | Threshing in progress. Extra rabi crops in good condition. | No complaints against canal working. |
| 7 | Siálkot ... | Slight rain and hail in Siálkot. | Fodder scanty. | Do. | Late high winds have for a time checked threshing of rabi crops. | ... |
| 8 | Lahore ... | ... | Fodder sufficient. | Stationary at Sharakpur and falling at Lahore. | Harvesting of rabi crops in progress. Crops are turning out much better than was expected from their appearance. | There have been storms by which fruit trees have to some extent been damaged. |
| 9 | Mooltan ... | Slight rainfall. | Fodder insufficient in Kawa. | Falling. | Cutting and harvesting of crops in progress. No water in Sidhnai and in a few other canals. | ... |
| 10 | Ráwalpindi ... | 1·57 at Ráwalpindi. 0·59 in Attock. 0·50 in Murree. 1·19 in Gujar Khan. 0·38 in Kahúta. | Fodder sufficient. | Do. | Being cleaned. Opium produce average. | ... |
| 11 | Shahpur | Slight rainfall in parts. | Do | Stationary. | Being harvested. | Being sown. |
| 12 | D. I. Khan ... | 0·07 | Fodder supply average. | Do. | Reaping nearly finished. | Cotton crops flourishing. |
| 13 | Peshâwar ... | Do. | Sufficient ... | Do. | Crops being reaped ... | Prospects of kharif crops average. |

*GENERAL REMARKS.*

Rain has fallen in all districts, except in Jullundar, Lahore and Peshâwar. Prices fluctuating in Delhi, falling in Mooltan and Ráwalpindi, stationary elsewhere. Threshing and cleaning of rabi crops in progress. Sowings of kharif commenced in Shahpur. Outturn of rabi crops reported below average. Fodder sufficient, except in Hissar, Delhi, Jullundur, Siálkot and parts of Mooltan. Opium produce average in Ráwalpindi.

TULSI DAS, *Offg. Supdt.*,

***Office of Director of Land Records and Agriculture, Punjab.***

# RAIN RETURNS, PUNJAB.

Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Week ending* 20th *April* 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 14th | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | | |
| Amritsar. | Jandiála *C* ... | 20th March ... | ... | ... | ... | 0·14 | ... | ... | ... | 0·14 | |
| | | | *Week ending* 4*th May* 1890. | | | | | | | | |
| | | | Monday 28th. | Tuesday 29th. | Wednesday 30th | Thursday 1st. | Friday 2nd. | Saturday 3rd. | Sunday 4th. | | |
| Gujranwala. | Meluana *C* ... | 6th March ... | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Shahkot *C* ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |

### Weekly Rain Report for the week ending 11th May 1890.

MEMO.—There has been no rainfall of importance. Every return received is blank, except the following stations:—

| | | | |
|---|---|---|---|
| Guláh | ( Karnál District ), | on 11th May 1890 ... | 0·09 |
| Kilba | ( Simla ditto ), | on 8th and 11th May 1890, 0·62 and 0·38 respectively ... | 1·00 |
| Plách | ( Kángra ditto ), | on 11th May 1890 ... | 0·08 |
| Pálampur | ( Ditto ), | on 8th ditto ... | 0·07 |
| Núrpur | ( Ditto ), | ditto ditto ... | 0·04 |
| Mardán | ( Pesháwar District ), | on ditto ditto ... | 0·05 |
| Hashtnagar | ( Ditto ), | on 6th May 1890 ... | 0·10 |
| Pesháwar | ( Ditto ), | on 5th and 7th May 1890, 0·01 and 0·11 respectively ... | 0·12 |
| Leiah | ( D. I. Khan District ), | on 5th May 1890 ... | 0·04 |

Slight rainfall at Dera ( Kángra District ). on 8th May 1890, Dalhousie ( Gurdáspur District ) and Doab Daudzai ( Pesháwar District ) on 8th and 5th May 1890 respectively.

TULSI DAS, *Offg. Supdt.*,
*Office of Director of Land Records and Agriculture*, Punjab.

### Memo. of Errors.

*For the week ending* 16*th February* 1890.

Nagar ( Kángra District ), *read* in columns 10 and 11, 1·40 instead of "*nil.*"

*For the week ending 23rd February* 1890.

Plách ( Kángra District ), insert in column 7, 0·20, and in column 11 *for* 0·10 *read* 0·30.

*For the week ending 2nd March* 1890.

Plách ( Kángra District ), insert in column 5, 0·10 instead of "R" in column 11, *for* 0·14 *read* 0·24.
Kulu ( Ditto ), insert in columns 5 and 6, 0·03 and 0·09 instead of 0·30 and 0·90 respectively, and in column 11, *for* 1·81 *read* 0·73.
Nagar ( Kángra District ), omit from column 5, 0·10, and in column 11 *for* 1·10 *read* 1·00.

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of April* 1890.

| DETAIL. | | | Unit. | | REMARKS. |
|---|---|---|---|---|---|
| Length of channel open ... ... ... | | | Miles | 230 | |
| Receipts. Tollage. | Private boats ... ... ... | | Rs. | 317 | |
| | Government boats ... ... | | " | 16 | |
| | Rafts ... ... ... | | " | 8,587 | |
| | | Total ... | " | 8,920 | |
| Cost of Navigation Establishment ... ... | | | " | * 558 | * Includes maintenance charges. |
| Net Revenue during month ... ... ... | | | " | 8,362 | |
| Boats plying. | Number ... ... | Cargo... ... | No. | 47 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... ... | Cargo... ... | Tons | 880 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... ... | | Up ... ... | " | 57,060 | |
| | | Down... ... | " | 58,710 | |
| | | Total ... | " | 115,770 | |
| Estimated value ... | | Up ... | Rs. | 1,676 | |
| | | Down ... | " | 16,125 | |
| | | Total ... | " | 17,801 | |
| Number of passengers ... ... ... | | | No. | ... | |
| Rafts ... ... ... | | Contents, Down ... | C. ft. | 276,125 | |
| | | Estimated value ... | Rs. | 132,458 | |
| Tollage on boats per ton per mile ... ... | | | Pie. | 0·55 | |
| Do. rafts per 100 cubic feet ... ... | | | Rs. | 3-1-9·10 | |
| Description and quantities of goods carried. | Grain ... ... | Down ... ... | Tons. | 97 | |
| | Metals ... ... | Down ... ... | " | 20 | |
| | Building materials ... | Up ... ... | " | 467 | |
| | Fuel ... ... | Down ... ... | " | 300 | |
| | Timber ... ... | Up ... ... | " | 153 | |
| | | Down ... ... | " | 37 | |
| | | Total ... | " | 190 | |
| | Miscellaneous ... | Down ... ... | " | 56 | |
| | Total Traffic ... | Up ... ... | " | 620 | |
| | | Down ... ... | " | 510 | |
| | | Total ... | " | 1,130 | |
| | Rafts. | Sleepers, broad gauge—Down ... ... | " | 539 | |
| | | Sleepers, metre gauge—Down ... ... | " | 3,519 | |
| | | Ballas and Karries—Down ... ... | " | 1,129 | |
| | | Firewood—Down ... ... ... | " | 145 | |
| | | Total Rafts ... ... | " | 5,332 | |

LAHORE:
*The 18th May* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

**PUBLIC WORKS DEPARTMENT,**

*Irrigation Operations of Past Kharif*

| Canal Division. | Water distributed during April 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **PERENNIAL CANALS.** | | | | |
| **Swat River Canal** ... ... ... ... | 6·5 | 5·5 | 720 | 653 |
| Total Swat River Canal ... ... | ... | ... | 720 | 653 |
| Corresponding period of last year ... | ... | ... | 720 | 375 |
| **WESTERN JUMNA CANAL.** | | | | |
| **Main Line Rájbahas** ... ... ... ... ... | ... | ... | 2,557 (bracketed) | 150 |
| **Hánsi Branch** ... ... ... ... ... ... | ... | ... | | 513 |
| **Delhi Branch** ... ... ... ... ... ... | ... | ... | | 875 |
| **Passed through Escapes** ... ... ... ... ... | ... | ... | | 300 (bracketed) |
| **Loss by absorption** ... ... ... ... ... | ... | ... | | |
| Total Western Jumna Canal ... ... | 4·33 | 3·4 | 2,557 | 1,838 |
| Corresponding period of last year ... | ... | ... | 2,546 | 2,343 |
| **BARI DOAB CANAL.** | | | | |
| **1st Division** ... ... ... ... ... ... | 4·9 | 4·43 | 3,074 (bracketed) | 991 |
| **2nd „ Main Branch Lower** ... ... ... ... | 4·6 (bracketed) | 3·20 | | 282 |
| **3rd „ „ „ „** ... ... ... ... | | | | 858 |
| **2nd „ Lahore Branch** ... ... ... ... | 3·35 | 2·93 | | 577 |
| **Passed through Escapes** ... ... ... ... ... | ... | ... | ... | 70 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 2,778 |
| Corresponding period of last year ... | ... | ... | 3,074 | 2,556 |
| **SIRHIND CANAL.** | | | | |
| **Main Line** ... ... ... ... ... ... | 7·60 | 7·43 | 4,500 | 4,369 |
| **Abohar Branch** ... ... ... ... ... | 5·26 | 4·86 | 1,530 | 1,573 |
| **Bhatinda Branch** ... ... ... ... ... | 6·08 | 4·88 | 1,350 | 1,118 |
| **Feeders** ... ... ... ... ... ... | 6·73 | 6·66 | 1,620 | 1,678 |
| **British Escapes** ... ... ... ... ... | ... | ... | ... | ... |
| Total Sirhind Canal ... ... | ... | ... | 4,500 | 4,369 |
| Corresponding period of last year ... | ... | ... | 4,500 | 4,466 |
| **Chenab Canal** ... ... ... ... ... ... | 7·0 | 2·8 | 1,800 | 367 |
| Corresponding period of last year ... | ... | ... | 1,800 | 263 |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **INUNDATION CANALS.** | | | | |
| **Lower Sohág Canal** ... ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890 *up to* 30*th April* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Pesháwar ... | ... | 9 | 1·67 | 1·60 | ... | ... | Measurements not yet commenced; prospects satisfactory. |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | 531 | ... | ... | ... | ... | 531 | |
| Umballa ... | ... | 20 | 0·31 | 1·14 | Sugarcane ... | 30,326 | The discharge of the River Jumna at Tájawála was 2,598 cubic feet on the 1st May 1890. |
| Karnál ... | 6,717 | | 0·62 | 0·25 | Rice ... | ... | |
| Rohtak ... | 17,565 | | 0·30 | 0·25 | Cotton ... | 720 | |
| Delhi ... | 15,367 | | 0·25 | 0·92 | Indigo ... | 137 | |
| Hissar ... | 1,508 | | 0·28 | ... | Others ... | 10,000 | |
| Bikaner ... | 26 | ... | ... | ... | | | |
| Kalsia ... | ... | ... | ... | ... | | | |
| ... | 41,183 | ... | ... | ... | ... | 41,183 | |
| ... | 18,780 | ... | ... | ... | ... | 18,780 | |
| Gurdáspur ... | 8,639 | 11 | 0·32 | 0·43 | Sugarcane ... | 10,592 | The canal ran throughout the month and despite supply being insufficient during the first week, the acreage of the month is good, being in excess of the corresponding month during the past 10 years except 1888-89 and 15,449 acres more than last year. The rainfall was above the average. |
| Amritsar ... | 10,499 | 8 | 0·42 | 1·15 | Rice ... | 105 | |
| Lahore ... | 19,819 | 8 | 0·31 | 0·35 | Cotton ... | 7,717 | |
| | | | | | Others ... | 20,543 | |
| ... | 38,957 | ... | ... | ... | ... | 38,957 | |
| ... | 23,508 | ... | ... | ... | ... | 23,508 | |
| Ludhiána ... | 1,277 | 8 | 0·28 | 0·40 | Sugarcane ... | 934 | The discharge of the River Sutlej at Rúpar Head on the 1st May was 4,747 cubic feet. |
| Ferozepore ... | 3,472 | 8 | 0·20 | 0·41 | Rice ... | 1 | |
| Hissar ... | 18 | 20 | 0·28 | ... | Cotton ... | 1,372 | |
| Farídkot ... | 478 | ... | ... | ... | Others ... | 4,017 | |
| Patiála ... | 654 | ... | ... | ... | | | |
| Nábha ... | 371 | ... | ... | ... | | | |
| Jínd ... | 34 | ... | ... | ... | | | |
| Kalsia ... | 20 | ... | | | | | |
| ... | 6,324 | ... | ... | ... | ... | 6,324 | |
| ... | 6,007 | ... | ... | ... | ... | 6,007 | |
| Gujránwála ... | 7,050 | 5 | 0·19 | 0·4 | Sugarcane ... | 921 | Supply sufficient, demand fair, and there is every prospect of a good kharíf. The rabi crops though sown late were excellent and this has stimulated demand. |
| | | | | | Rice ... | 18 | |
| | | | | | Cotton ... | 3,511 | |
| | | | | | Others ... | 2,600 | |
| | | | | | | 7,050 | |
| ... | 3,057 | ... | ... | ... | ... | 3,057 | |
| ... | 93,514 | ... | ... | ... | ... | 93,514 | |
| ... | 51,883 | ... | ... | ... | ... | 51,883 | |
| Montgomery ... | *Nil.* | ... | ... | ... | ... | ... | |
| ... | ... | ... | ... | ... | ... | ... | |

*Irrigation Operations of Fasl Kharí*

| Canal Division. | Water distributed during April 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| INUNDATION CANALS—CONCLUDED. | | | | |
| **Sidhnai Canal** ... ... ... ... ... ... | 6 | ... | 1,072 | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| **Upper Sutlej Canals** ... ... ... ... ... | ... | ... | ... | ... |
| **Lower Sutlej and Chenab Canals** ... ... ... ... | ... | ... | ... | ... |
| **Indus Canals** ... ... ... ... ... ... | ... | ... | ... | ... |
| **Muzaffargarh** ... ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| ABSTRACT. | | | | |
| PERENNIAL CANALS. | | | | |
| **Swat River Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Western Jumna Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Bári Doáb Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Sirhind Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Chenab Canal** ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| **Lower Sohág Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Sidhnai Canal** ... ... ... ... ... | ... | ... | ... | ... |
| **Upper Sutlej** ... ... ... ... ... | ... | ... | ... | ... |
| **Lower Sutlej and Chenab** ... ... ... ... | ... | ... | ... | ... |
| **Indus** ... ... ... ... ... | ... | ... | ... | ... |
| **Muzaffargarh** ... ... ... ... ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| GRAND TOTAL PERENNIAL & INUNDATION CANALS ... | ... | ... | ... | ... |
| CORRESPONDING PERIOD OF LAST YEAR ... | ... | ... | ... | ... |

LAHORE:
*The 18th May 1890.*

*of* 1890 *up to* 30*th April* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Mooltan ... | *Nil.* | ... | ... | ... | ... | ... | The canal has not yet begun to flow, and there has been only a very slight local fall of rain. Sowings are being made on well lands but water is urgently required and kharif prospects look bad. |
| ... | 6,339 | ... | ... | ... | ... | 6,339 | |
| { Lahore ... | ... | 8 | 0·12 | 0·20 | ... | ... | |
| { Montgomery... | ... | ... | ... | ... | ... | ... | |
| Mooltan ... | 4,655 | 26 | 0·24 | ... | ... | 4,655 | |
| Dera Ghâzi Khan | 206 | 10 | 0·25 | 0·2 | ... | 206 | |
| Muzaffargarh ... | ... | ... | ... | ... | ... | ... | |
| ... | 4,861 | ... | ... | ... | ... | 4,861 | |
| ... | 30,524 | ... | ... | ... | ... | 30,524 | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | 41,183 | ... | ... | ... | ... | 41,183 | |
| ... | 38,957 | ... | ... | ... | ... | 38,957 | |
| ... | 6,324 | ... | ... | ... | ... | 6,324 | |
| ... | 7,050 | ... | ... | ... | ... | 7,050 | |
| ... | 93,514 | ... | ... | ... | ... | 93,514 | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | 4,655 | ... | ... | ... | ... | 4,655 | |
| ... | 206 | ... | ... | ... | ... | 206 | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | 4,861 | ... | ... | ... | ... | 4,861 | |
| ... | 98,375 | ... | ... | ... | ... | 98,375 | |
| ... | 82,407 | ... | ... | ... | ... | 82,407 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 26th APRIL 1890.

| No. | Districts. | Towns | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 1 | 3 | 15 | 8 | 7 | ... | 1 | 10 | ... | ... | 4 | 2 | ... | 2 | 11 | 55 |
| 2 | | Hansi ... | 12,656 | 6 | 5 | 11 | 15 | 6 | 9 | ... | ... | 7 | ... | ... | 8 | ... | 1 | 1 | 45 | 62 |
| 3 | | Bhiwani ... | 33,762 | 14 | 9 | 23 | 45 | 27 | 18 | 1 | ... | 20 | 2 | ... | 22 | 4 | 3 | 7 | 36 | 69 |
| 4 | | Sirsa ... | 12,292 | 4 | 2 | 6 | 8 | 6 | 2 | ... | ... | 4 | 1 | ... | 3 | ... | ... | ... | 26 | 34 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 1 | 4 | 5 | 16 | 7 | 9 | ... | ... | 10 | ... | ... | 6 | 2 | 1 | 3 | 17 | 53 |
| 6 | | Jhajjar ... | 11,650 | 3 | 2 | 5 | 17 | 8 | 9 | ... | ... | 13 | ... | ... | 4 | 2 | 2 | 4 | 22 | 76 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 5 | 3 | 8 | 12 | 5 | 7 | ... | 1 | 7 | ... | ... | 4 | 1 | 2 | 3 | 1[illegible] | 26 |
| 8 | | Palwal ... | 10,635 | 6 | 3 | 9 | 8 | 3 | 5 | ... | ... | 2 | 1 | ... | 5 | 2 | 1 | 3 | 44 | 39 |
| 9 | Delhi ... | Delhi ... | 117,363 | 28 | 30 | 58 | 113 | 54 | 59 | 1 | 4 | 59 | 8 | ... | 41 | 14 | 13 | 27 | 26 | 50 |
| 10 | | " Suburbs ... | 52,882 | 7 | 3 | 10 | 29 | 16 | 13 | ... | ... | 20 | ... | 1 | 8 | 3 | 2 | 5 | 10 | 29 |
| 11 | | Sonepat ... | 13,077 | 7 | 3 | 10 | 12 | 6 | 6 | ... | ... | 10 | ... | ... | 2 | 1 | 1 | 2 | 40 | 48 |
| 12 | Karnal ... | Karnal ... | 23,133 | 6 | 6 | 12 | 24 | 13 | 11 | ... | ... | 15 | 1 | ... | 8 | 3 | 3 | 6 | 27 | 54 |
| 13 | | Kaithal ... | 14,754 | 4 | 1 | 5 | 13 | 7 | 6 | ... | 1 | 2 | 2 | ... | 8 | 1 | ... | 1 | 18 | 46 |
| 14 | | Panipat ... | 26,572 | 9 | 5 | 14 | 27 | 12 | 15 | ... | 3 | 14 | ... | ... | 10 | 2 | 1 | 3 | 27 | 53 |
| 15 | Umballa ... | Umballa ... | 26,777 | 11 | 9 | 20 | 8 | 5 | 3 | ... | ... | 5 | ... | ... | 3 | 1 | 2 | 3 | 39 | 16 |
| 16 | | Jagadhri ... | 12,300 | 4 | 7 | 11 | 14 | 6 | 8 | ... | ... | 4 | 4 | ... | 6 | 2 | 2 | 4 | 46 | 59 |
| 17 | | Shahabad ... | 10,218 | 2 | 3 | 5 | 21 | 8 | 13 | ... | 6 | 12 | 2 | ... | 1 | 3 | ... | 3 | 26 | 107 |
| 18 | | Sadhaura ... | 10,794 | 3 | 4 | 7 | 11 | 5 | 6 | ... | ... | 9 | 1 | ... | 1 | 1 | ... | 1 | 34 | 53 |
| 19 | | Rupar ... | 10,326 | 1 | 2 | 3 | 12 | 6 | 6 | ... | 1 | 4 | 1 | ... | 6 | 1 | 2 | 3 | 15 | 61 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 3 | 6 | 9 | 12 | 5 | 7 | ... | ... | 7 | 1 | ... | 4 | 2 | 1 | 3 | 35 | 47 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 3 | 8 | 12 | 6 | 6 | ... | ... | 11 | ... | ... | 1 | 1 | 2 | 3 | 41 | 61 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 11 | 10 | 21 | 33 | 18 | 15 | ... | ... | 15 | 1 | ... | 17 | 2 | 4 | 6 | 35 | 55 |
| 23 | | " Suburbs ... | 11,474 | 3 | 4 | 7 | 10 | 6 | 4 | ... | ... | 5 | ... | ... | 5 | 1 | 2 | 3 | 32 | 45 |
| 24 | | Rahon ... | 11,736 | 6 | 5 | 11 | 8 | 3 | 5 | ... | ... | 5 | ... | ... | 3 | 3 | ... | 3 | 49 | 36 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 8 | 11 | 19 | 41 | 20 | 21 | ... | ... | 34 | 2 | ... | 5 | 6 | 5 | 11 | 22 | 48 |
| 26 | | Jagraon ... | 16,873 | 5 | 3 | 8 | 10 | 7 | 3 | ... | ... | 4 | 1 | ... | 5 | 2 | 1 | 3 | 25 | 31 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 12 | 2 | 14 | 8 | 5 | 3 | ... | ... | 5 | 3 | ... | ... | 1 | ... | 1 | 35 | 20 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 11 | 3 | 14 | 18 | 11 | 7 | ... | ... | 7 | 1 | ... | 10 | 4 | 2 | 6 | 23 | 29 |
| 29 | | " Suburbs ... | 25,593 | 8 | 3 | 11 | 12 | 10 | 2 | ... | ... | 5 | ... | ... | 7 | 1 | 1 | 2 | 22 | 24 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 4 | 3 | 7 | 7 | 5 | 2 | ... | ... | 4 | 1 | ... | 2 | 1 | ... | 1 | 29 | 29 |
| 31 | | Chiniot ... | 10,731 | 1 | 3 | 4 | 5 | 2 | 3 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 19 | 24 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 21 | 25 | 46 | 65 | 30 | 35 | ... | ... | 43 | 2 | ... | 20 | 5 | 8 | 13 | 25 | 35 |
| 33 | | " Suburbs ... | 41,670 | 6 | 5 | 11 | 26 | 18 | 8 | ... | ... | 11 | ... | 1 | 14 | 3 | ... | 3 | 14 | 33 |
| 34 | | Kasur ... | 17,336 | 3 | 1 | 4 | 12 | 8 | 4 | ... | ... | 8 | ... | ... | 4 | ... | 1 | 1 | 12 | 36 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 44 | 35 | 79 | 172 | 83 | 89 | ... | ... | 100 | 1 | ... | 71 | 13 | 19 | 32 | 29 | 62 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 7 | 4 | 11 | 29 | 20 | 9 | ... | 1 | 21 | 1 | ... | 6 | 2 | 2 | 4 | 24 | 62 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 9 | 13 | 23 | 33 | 23 | 10 | ... | 6 | 6 | 1 | ... | 20 | 3 | ... | 3 | 34 | 51 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 6 | 7 | 13 | 8 | 5 | 3 | ... | ... | 3 | ... | ... | 5 | ... | 1 | 1 | 36 | 22 |
| 39 | | Jalalpur ... | 12,839 | 2 | 3 | 5 | 16 | 7 | 9 | ... | ... | 5 | 2 | ... | 9 | 2 | 2 | 4 | 20 | 65 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 8 | 9 | 17 | 17 | 12 | 5 | ... | 2 | 6 | ... | ... | 9 | ... | 1 | 1 | 39 | 39 |
| 41 | | Wazirabad ... | 16,462 | 8 | 6 | 14 | 7 | 3 | 4 | ... | ... | 4 | ... | ... | 3 | ... | 3 | 3 | 44 | 22 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 10 | 9 | 19 | 7 | 5 | 2 | ... | ... | 3 | 1 | ... | 3 | 4 | ... | 4 | 65 | 24 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 1 | 2 | 3 | 4 | 1 | 3 | ... | ... | 1 | ... | ... | 3 | ... | 1 | 1 | 9 | 13 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 1 | 4 | 8 | 5 | 3 | ... | ... | 7 | ... | ... | 1 | ... | ... | ... | 12 | 25 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 2 | 11 | 13 | 42 | 23 | 19 | ... | 1 | 19 | 2 | ... | 20 | 3 | 3 | 6 | 24 | 79 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 15 | 10 | 25 | 41 | 25 | 16 | ... | ... | 29 | 4 | ... | 8 | 9 | 6 | 15 | 22 | 36 |
| 47 | Kohat ... | Kohat ... | 13,490 | 1 | 3 | 4 | 12 | 2 | 10 | ... | ... | 7 | 2 | ... | 3 | ... | 4 | 4 | 15 | 46 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 1 | 3 | 4 | 10 | 6 | 4 | ... | ... | 5 | 2 | ... | 3 | ... | 2 | 2 | 11 | 27 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 1 | 3 | 4 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | ... | 1 | 1 | 11 | 13 |
| Birth and death rate of London for the week ending 5th April 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·5 | 16·7 |
| | | GRAND TOTAL ... | 1,311,330 | 348 | 308 | 656 | 1110 | 586 | 524 | 2 | 27 | 613 | 51 | 2 | 415 | 114 | 109 | 223 | 26 | 44 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | | |
| Simla ... | | ... ... ... | 12,305 | ... | ... | ... | 14 | 10 | 4 | ... | ... | 12 | ... | ... | 2 | ... | ... | ... | ... | 59 |
| Dharmsala ... | | ... ... ... | 3,839 | 2 | 1 | 3 | 3 | 2 | 1 | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | 41 | 41 |
| Dalhousie ... | | ... ... ... | 870 | ... | ... | ... | 2 | 2 | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 120 |
| Murree ... | | ... ... ... | 2,489 | ... | 1 | 1 | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 21 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 20th May* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 26th April 1890.*

*General Results.*—The return is incomplete, the registers for the Municipal town of Kuláchi in Dera Ismail Khan District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 11,936 against 11,488 in the previous week and 8,591 in the corresponding week of the past year, giving respectively an annual death-rate of 33·0, 31·8 and 23·8 per 1,000 of population. The death-rate is higher than that of the abnormally high rate registered last week, and is 9·9 per 1,000 higher than the average rate of the corresponding week of the five years 1885—89.

*Cholera.*—There were two deaths registered under the head of cholera,—one in the Municipal town of Bhiwáni, District Hissar, and the other in the City of Delhi.

*Small-pox.*—From small-pox 255 deaths were registered against 279 in the previous week and 197 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,676 deaths against 8,299 in the previous week and 5,925 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 291 deaths against 208 and 280.

*Chest disease.*—Six hundred and seventy-five against 705 and 579.

*Snake-bite.*—Ten against 10 and 6.

*Hydrophobia.*—Three against 1 and 3.

*All other causes.*—Two thousand and twenty-four against 1,986 in the previous week and 1,600 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand five hundred and twenty-seven deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,419 were males and 1,108 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,110 deaths were registered (586 males and 524 females), giving a death-rate of 44 per mille of population; 656 births were registered (348 males and 308 females), giving a birth-rate of 26 per mille of population. The registered death-rate is very high in the Municipal town of Shahabad, it is also high in the towns of Bhiwáni, Jhajjar and Ráwalpindi. The death-rate of the 49 large Municipal towns is 14 per 1,000 higher than 30 per 1,000, the average rate of the same towns for the corresponding week of the five years 1885—89. The rate is also 21·5 per 1,000 higher than the average death-rate of the rest of the Province, 22·6 per 1,000, for the corresponding week of the same five years.

LAHORE: *The 20th May 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore.—22-5-90—690.

No. 22 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 29, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 27th MAY 1890.

| No. | Reporting Station. | Rain. | Fodder supply. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·29 in Sirsa. 0·11 in Fatehabad. | Fodder scarce. | Stationary. | ... | ... |
| 2 | Delhi ... | 0·08 | Scarcity of fodder. | Fluctuating. | ... | Sugar-cane cultivation progressing and cotton cultivation commenced. |
| 3 | Umballa ... | ... | ... | Stationary. | Rabi harvested. Outturn very poor. | ... |
| 4 | Jullundur ... | ... | Sufficient. | Do. | Rabi outturn good. | ... |
| 5 | Ferozepore ... | ... | Do. | Do. | Threshing nearly completed. | ... |
| | Amritsar ... | ... | Fodder sufficient. | Do. | Threshing in progress. | Extra rabi crops in good condition. Sugarcane and cotton sowings completed. No complaint against canal working. |
| 7 | Siálkot ... | Slight rainfall. | Fodder scarce. | Do. | ... | Sugarcane and cotton being weeded. |
| | Lahore ... | 0·06 in Kasúr. | Dry fodder sufficient. | Do. | Harvesting in progress. Crops are as a rule turning out much better than was expected from their appearance; on báráni lands poor or none. | Sowings commenced. |
| 9 | Mooltan ... | ... | Fodder insufficient in Rawa. | Falling. | Harvesting in progress. | Canals flowing except Sidhnai. |
| 10 | Ráwalpindi ... | 0·20 in Gujar Khan. 0·24 in Murree. 0·30 in Fatehjang. | Fodder sufficient. | Stationary. | Rabi being cleaned; produce below average. Opium produce average. | ... |
| 11 | Shahpur ... | Slight rainfall in Tahsíl Bhera. | Sufficient. | Do. | ... | Jowár and cotton crops being sown in irrigated lands. |
| 12 | D. I. Khan ... | ... | Fodder supply on average. | Do. | Reaping of crops finished. | Extra rabi and cotton crops in good condition. |
| 13 | Peshāwar ... | ... | Sufficient. | Do. | Crops being reaped. | Prospects of kharif crop average. |

*GENERAL REMARKS.*

Slight rain in all districts, except Umballa, Jullundur, Ferozepore, Amritsar, Mooltan, Dera Ismail Khan and Peshāwar. Prices falling in Mooltan, fluctuating in Delhi, elsewhere stationary. Harvesting of rabi in progress and sowings of kharif commenced. Rabi outturn in Umballa very poor; in other districts below average, except in Jullundur, where it is good. Extra rabi crops in good condition. Prospects of kharif crop average. Fodder scarce in Hissar, Delhi and Siálkot; elsewhere sufficient. Opium produce average in Ráwalpindi.

TULSI DAS, *Offg. Supdt.*,

***Office of Director of Land Records and Agriculture, Punjab.***

# SUMMARY OF METEOROLOGICAL CONDITIONS

# PREVAILING OVER THE PUNJAB

# DURING APRIL 1890.

## TABLE A.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | Humidity. | Vapour tension. | Amount of cloud: 10 = overcast. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, April 1890. | Normal direction and force, April. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | | | |
| | | | | | Deg. | Deg. | Deg. | Deg. | Deg. | Deg. | | | |
| Delhi ... | ? | ? | S. 87° W. 4 | N. 65° W. 4 | 79·9 | 101·1 | + 0·7 | 74·3 | + 1·1 | + 0·9 | 33 | ·329 | 3 |
| Sirsa ... | 29·751 | + ·001 | N. 70° W. 7 | N. 78° W. 4 | 80·1 | 100·9 | + 0·7 | 69·5 | + 1·6 | + 1·2 | 58 | ·603 | 4 |
| Ludhiána ... | 29·738 | — ·008 | N. 29° W. 3 | N. 59° W. 2 | 78·6 | 96·9 | — 0·5 | 67·7 | + 1·3 | + 0·4 | 45 | ·440 | 1 |
| Lahore ... | 29·748 | 0 | N. 25° E. 3 | N. 19° W. 3 | 77·9 | 95·8 | — 0·5 | 65·2 | — 1·1 | — 0·8 | 45 | ·425 | 4 |
| Montgomery ... | 29·745 | ? | N. 42° E. 8 | ? ? | 81·8 | 99·6 | ? | 68·8 | ? | ? | 46 | ·498 | 3 |
| Siálkot ... | 29·739 | — ·007 | N. 13° E. 4 | N. 46° W. 2 | 73·7 | 95·1 | + 0·3 | 65·8 | — 0·1 | + 0·1 | 51 | ·468 | 3 |
| Ráwalpindi ... | 29·768 | + ·007 | N. 18° W. 4 | N. 65° W. 3 | 72·1 | 88·2 | + 0·2 | 60·8 | + 1·4 | + 0·8 | 58 | ·447 | 4 |
| Khusháb ... | ... | ... | N. 30° E. 7 | ? ? | 76·7 | 91·9 | ? | 71·6 | ? | ? | 66 | ·611 | 2 |
| Pesháwar ... | 29·809 | + ·013 | S. 70° W. 6 | N. 10° E. 4 | 71·2 | 86·1 | — 0·1 | 62·3 | + 2·1 | + 1·0 | 64 | ·481 | 5 |
| Dera Ismail Khan ... | 29·784 | — ·006 | N. 20° W. 3 | N. 46° E. 2 | 75·2 | 94·9 | + 1·1 | 67·3 | + 2·1 | + 1·6 | 49 | ·430 | 1 |
| Mooltan ... | 29·762 | — ·006 | N. 30° E. 2 | N. 26° W. 3 | 78·6 | 99·5 | + 2·4 | 69·8 | + 2·8 | + 2·6 | 46 | ·446 | 1 |
| Simla ... | 23·121 | ? | S. 13° W. ... | S. 69° W. 3 | 59·3 | 70·0 | — 1·4 | 53·1 | + 0·9 | — 0·3 | 46 | ·226 | 1 |
| Murree ... | 23·815 | — ·008 | N. 66° E. 10 | S. 40° E. 9 | 57·2 | 71·0 | + ·30 | 49·3 | — 2·5 | + 0·3 | 50 | ·22[illegible] | 6 |

The month under review is ordinarily a very quiet one over the Punjab. The cold weather storms, which at times affect the weather in March, are never experienced in April, and the principal Meteorological feature of the month is the brisk rise of temperature which usually takes place. When this rise of temperature is carried out with great suddenness, the equilibrium of the air becomes unstable and dust-storms and thunder-storms are produced, which bring about a general cooling and temperature reverts to its normal condition. In the hills and submontane parts of the Province thunder-storms and showers are not uncommon, while in those parts of the Province distant from the hills dust-storms are frequent. The normal rainfall of the month amounts to $3\frac{3}{4}$ inches at Murree and to 2 inches at the neighbouring plains stations of Pesháwar and Ráwalpindi. At Simla also the rainfall is about 2 inches, but on leaving the hills the amount rapidly decreases, and at Mooltan is only 0·04 inch and at Delhi only 0·21 inch.

During the month under review the weather over and in the neighbourhood of the hills has been more unsettled than usual, and this excess of unsettledness has extended over the plains in the centre and south-east of the Province, but has not been felt in the west.

One of the principal features of the distribution of pressure has been the relatively high readings which have existed throughout the month in the north-west of the Punjab and particularly at Pesháwar. This high pressure only gave way on two days during the month, *viz.*, the 14th and 15th. On all other days it was more or less pronounced, and the rather numerous small depressions which appeared over the Province failed to influence it to any marked extent. The first of these depressions occurred between the 5th and the 8th. It appeared over Lower Sind on the 5th and advanced slowly northward to the hills. It gave some rain to Pesháwar and was followed by a brisk rise of pressure and a strong northerly wind. The second appeared in much the same position on the 10th, passed northward and developed into a well marked depression by the 12th, giving rain all over the north of the Province. It also was followed by strong northerly winds. On the 16th another depression appeared over the south of the Punjab. It did not move much, but occasioned strong northerly and north-easterly winds and rain over the north and east of the Province. Further rain occurred in the extreme north-west on the 21st. On the 24th the fourth and last depression appeared. It was more considerable than its predecessors and gave heavier, more continued and more general rain. It first appeared on the 24th between Mooltan and Montgomery. It grew rapidly more strongly marked, and, favoured by the distribution of pressure in other parts of India, it occasioned very unsettled weather all over the Province and gave rain to almost all stations. Even after its disappearance, which occurred on the 28th, it left conditions in an unsettled state and rain continued to fall till the end of the month.

The conditions which determined this rainfall and the distribution of pressure which succeeded each depression and period of rainfall appear to be of importance as significant of what is possible in the future. The rainfall on all the occasions noted above was due to a strong cold and consequently relatively heavy northerly wind emanating from the hills and raising the moister, warmer and lighter south-easterly wind and thereby occasioning it to part with its moisture. The high pressures which have prevailed so steadily at Pesháwar probably indicate that still higher pressures exist further to the north-westward and that steepish gradients for northerly winds prevail in this region. This tendency, already established, has probably been still further emphasized by the snowfall which has accompanied the condition, and if there is no change during May, the distribution, &c., resulting must be inimical to the proper advance of the monsoon current into the Punjab. The table at the commencement of this summary shows that along the line of the hills, *viz.*, at Ludhiána, Siálkot, Ráwalpindi and Dera Ismail Khan, the wind's direction has been considerably more northerly than usual.

*Pressure.*—The barometric returns show that at Pesháwar and Ráwalpindi pressure has been slightly above the normal and that at the other stations it has been equal to or slightly below the average.

*Temperature*—Has been slightly deficient at Lahore and Simla and excessive elsewhere; but except at Mooltan, where the weather has been 2½° warmer than usual, the variations have been everywhere small. The mean maxima in the south-east of the Province exceeded 100°, but temperature decreased quickly on proceeding north-westward, and the mean maximum at Pesháwar was as low as 86°.

*Rainfall.*—Rain has fallen at all stations except Mooltan, Montgomery and Sirsa. At Ludhiána and Dera Ismail Khan less than half the normal amount has fallen, but in other parts of the Province the fall has either been

equal to or only slightly in defect of the normal. At Simla there has been an excess of 1 inch, and at Delhi, Lahore and Siálkot of over ½ inch. Rain fell in some parts of the Province on no less than 15 days of the month, the day of most general rainfall being the 26th, when only Sirsa, Montgomery, Khusháb and Mooltan were without rain.

The following table gives the rainfall data for the Punjab stations for April 1890:—

| STATIONS. | Normal average rainfall in April. | Actual rainfall in April 1890. | Difference from the average in April 1890. |
|---|---|---|---|
| | Inches. | Inches. | Inches. |
| *Punjab, West.* | | | |
| Mooltan... ... ... ... ... ... | 0·04 | ... | −0·04 |
| Dera Ismail Khan ... ... ... ... ... | 0·79 | 0·21 | −0·58 |
| Khusháb ... ... ... ... ... ... | ? | 0·21 | ? |
| Pesháwar ... ... ... ... ... | 2·01 | 1·89 | −0·12 |
| Murree ... ... ... ... ... ... | 3·79 | 4·07 | +0·28 |
| Ráwalpindi ... ... ... ... ... | 2·02 | 1·57 | −0·45 |
| Siálkot ... ... ... ... ... ... | 0·94 | 1·65 | +0·71 |
| Lahore ... ... ... ... ... ... | 0·38 | 0·99 | +0·61 |
| Montgomery ... ... ... ... ... | 0·24 | ... | −0·24 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 0·84 | 0·36 | −0·48 |
| Simla ... ... ... ... ... ... | 2·05 | 3·08 | +1·03 |
| Delhi ... ... ... ... ... ... | 0·21 | 0·84 | +0·63 |
| Sirsa ... ... ... ... ... ... | 0·39 | ... | −0·39 |

SIMLA: } W. L. DALLAS,

*The 20th May 1890.* } *Meteorological Reporter to Government of the Punjab.*

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T*=Thunder.
*H*=Hail.
R=Slight rain, not measured.
D=Dust-storm.

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 18th MAY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station | Date of fall last reported | Fall of Rain on each Day of the Week. *Month of May* 1890. Monday 12th. | Tuesday 13th. | Wednesday 14th. | Thursday 15th. | Friday 16th. | Saturday 17th. | Sunday 18th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 10th March | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Fatahabad | 5th Do. | ... | ... | ... | ... | ... | ... | 0·25 | 0·25 | |
| | Barwála | 27th April | ... | ... | ... | ... | ... | ... | 0·63 | 0·63 | |
| | Hissar *s* | 19th March | ... | ... | ... | ... | ... | ... | 0·98 | 0·98 | |
| | Hánsi | 18th April | ... | ... | ... | ... | ... | ... | 0·74 | 0·74 | |
| | Bhiwáni | 19th March | ... | ... | ... | ... | ... | 0·82 | 0·22 | 1·04 | |
| | Budhláda | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | Ditto | ... | ... | ... | ... | ... | ... | 0·34 | 0·34 | |
| Rohtak. | Rohtak *s* | 27th April | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Gohána | 28th Do. | ... | ... | ... | ... | ... | ... | 1·22 | 1·22 | |
| | Sámpla | 30th August | ... | ... | ... | ... | ... | ... | 0·46 | 0·46 | |
| | Jhajjar | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 19th March | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Játusána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 19th March | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Firozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 26th April | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Palwal | 4th March | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 20th March | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Punahána | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 26th Do. | ... | ... | ... | ... | ... | ... | 0·25 | 0·25 | |
| | Sadr (Delhi) *s* | 25th Do. | ... | ... | ... | ... | ... | 0·13 | 0·03 | 0·16 | |
| | Sonepat | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| Karnal. | Pánipat | 27th April | ... | ... | ... | ... | ... | ... | 1·50 | 1·50 | |
| | Karnál *s* | 25th Do. | ... | ... | ... | ... | ... | 0·26 | ... | 0·26 | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 23rd Do. | ... | ... | ... | ... | ... | 0·25 | ... | 0·25 | |
| | Gulah | 11th May | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| Umballa. | Pipli | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 18th Do. | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Umballa *s* | 29th Do. | ... | ... | ... | ... | ... | 0·04 | ... | 0·04 | |
| | Naráingarh | 2nd May | R. | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Kharar | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádápur *C* | 5th March | ... | ... | ... | ... | ... | 0·05 | ... | 0·05 | |
| Simla. | Kasauli *s* | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Kot Khái | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | 11th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | 11th May | 0·05 | ... | ... | ... | 0·05 | 0·27 | 0·05 | 0·42 | |
| | Kulu *s* | 2nd Do. | 0·04 | 0·03 | ... | ... | ... | 0·64 | 0·30 | 1·01 | |
| | Nagar | 1st Do. | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Pálampur | 8th Do. | R. | 0·06 | ... | ... | ... | 0·05 | 0·35 | 0·46 | |
| | Hamírpur | 30th April | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Dera | Ditto | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |
| | Kángra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála *s* | 28th April | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Nurpur | 8th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasuya | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 30th April | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Hoshiarpur | 29th Do. | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of May* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 12th. | Tuesday 13th. | Wednesday 14th | Thursday 15th. | Friday 16th. | Saturday 17th. | Sunday 18th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 24th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodur ... | 28th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála ... | 29th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána s | Ditto ... | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Jagraon ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga ... | 27th April ... | ... | ... | ... | ... | ... | 0·04 | ... | 0·04 | |
| | Zíra ... | 29th Do. ... | ... | ... | ... | ... | D. | D. | ... | ... | |
| | Ferozepore ... | 25th Do. ... | ... | ... | ... | ... | D. | D. | D. | ... | |
| | Ferozepore city ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar .. | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán .. | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | Ditto ... | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Kabírwála ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 4th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | 23rd March ... | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Pákpattan ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* b | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* ... | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 30th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* b | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* .. | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* b | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* b | 30th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 29th Do. ... | ... | ... | ... | ... | ... | 0·17 | ... | 0·17 | |
| | Raya *C* ... | 30th Do. ... | 0·13 | ... | ... | ... | ... | ... | 0·05 | 0·18 | |
| | Jandiála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 29th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* ... | 30th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | 29th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* ... | 30th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* ... | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur s | 29th Do. ... | ... | ... | ... | ... | ... | ... | 0·09 | 0·09 | |
| | Bhímpur *C* ... | 28th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie s | 29th Do. ... | ... | ... | ... | ... | ... | 0·21 | 0·33 | 0·54 | |
| | Mádhopur *C* b | 28th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Siálkot. | Zafarwál ... | 28th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | 2nd May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | Ditto ... | ... | ... | ... | ... | ... | ... | 0·13 | 0·13 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of May* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 12th. | Tuesday 13th. | Wednesday 14th. | Thursday 15th. | Friday 16th. | Saturday 17th. | Sunday 18th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT.* | Sadr s | 2nd May | ... | ... | ... | ... | ... | ... | 0·80 | 0·80 | * Extra rabi benefited by recent rainfall. Wheat crop is being cleaned. Outturn on irrigated lands good; on baráni lands below average: on the whole much better than was expected. Dry fodder sufficient. A hailstorm in villages on the banks of the Jhelum, but no damage done.<br>† The gathered wheat crops have been damaged to some extent by the recent rains. Dry fodder sufficient. Prices falling.<br>‡ Statement not received. |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | 0·80 | 0·80 | |
| | Khárián | 1st May | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Phália | 28th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA.† | Rámnagar | 1st May | ... | ... | ... | ... | ... | ... | 0·80 | 0·80 | |
| | Wazirabad | Ditto | ... | ... | ... | ... | ... | ... | 1·10 | 1·10 | |
| | Sadr Kacheri s | 27th April | ... | ... | ... | ... | ... | ... | 0·35 | 0·35 | |
| | Shekhupura | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hafizabad | 23rd March | ... | ... | ... | ... | ... | ... | 0·21 | 0·21 | |
| | Meluána C ‡ | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C ‡ | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 25th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 1st May | ... | ... | ... | ... | ... | ... | 0·47 | 0·47 | |
| | Nurpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 2nd May | ... | ... | ... | ... | ... | ... | 0·09 | 0·09 | |
| | Sakesar | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khushab | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | Ditto | ... | ... | ... | ... | ... | ... | 0·08 | 0·08 | |
| | Bhera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | 23rd April | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 2nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station s | 1st Do. | ... | ... | ... | ... | ... | 0·03 | 0·44 | 0·47 | |
| | Chakwál | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Fatahjang | 27th Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 29th April | ... | ... | ... | ... | ... | 1·26 | 0·31 | 1·57 | |
| | Gujar Khan | 1st May | ... | ... | ... | ... | ... | 0·49 | 0·70 | 1·19 | |
| | Kahúta | 27th April | ... | ... | ... | ... | ... | 0·38 | ... | 0·38 | |
| | Murree s | 29th Do. | ... | ... | ... | ... | ... | 0·50 | ... | 0·50. | |
| HAZARA. | Abbott-abad s | 1st May | ... | ... | ... | ... | ... | 0·08 | 0·28 | 0·36 | |
| | Mansahra | 3rd Do | ... | ... | ... | ... | ... | 0·45 | ... | 0·45 | |
| | Haripur | 27th April | ... | ... | ... | ... | ... | 0·07 | 0·40 | 0·47 | |
| PESHAWAR. | Sawábi | 1st May | ... | ... | ... | ... | ... | 0·13 | ... | 0·13 | |
| | Lahore (Utman Bolak) | 27th Do. | ... | ... | ... | ... | ... | 0·16 | ... | 0·16 | |
| | Nowshera | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardan s | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 6th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | 3rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 7th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| KOHAT. | Kohát s | 3rd May | ... | ... | ... | ... | ... | T. | T. | ... | |
| | Hangu | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 2nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 5th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Muzaffargarh s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICT. | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 17 | 18 | 24 | 24 | 25 | ... | ... | ... | 9 | 9 | 10 | 22 | 22 | 22 | 21 | 20 | 21 |
| Rohtak ... | 17 | 17 | 18 | 22 | 22 | 28 | ... | ... | ... | 10 | 10 | 11 | 19 | 19 | 25 | 18 | 18 | 22 |
| Gurgaon ... | 18 | 17 | 18 | 22 | 22 | 27 | ... | ... | ... | 10 | 12 | 10 | 20 | 22 | 20 | 18 | 19 | 19 |
| Delhi ... | 17 | 17 | 18 | 21 | 21 | 24 | ... | ... | ... | 12 | 12 | 11 | 18 | 17 | 24 | 17 | 17 | 18 |
| Karnál ... | 18 | 18 | 17 | 23 | 24 | 29 | ... | ... | ... | 11 | 11 | 11 | 20 | 20 | 26 | 18 | 18 | 18 |
| Umballa ... | 19 | 18 | 22 | 23 | 24 | 24 | ... | ... | ... | 11 | 11 | 11 | 22 | 21 | 25 | 20 | 21 | 16 |
| Simla ... | 13 | 12 | 16 | 17 | 18 | 20 | ... | ... | ... | 8 | 9 | 9 | 15 | 15 | 16 | 16 | 16 | 14 |
| Kángra ... | 14 | 14 | 19 | 23 | 23 | 28 | ... | ... | ... | 11 | 11 | 12 | 12 | 12 | 13 | 10 | 10 | 10 |
| Hoshiárpur ... | 19 | 19 | 24 | 35 | 32 | 32 | ... | ... | ... | 10 | 10 | 12 | 23 | 21 | 27 | 20 | 20 | 18 |
| Jullundur ... | 20 | 20 | 23 | 30 | 30 | 36 | ... | ... | ... | 8 | 8 | 8 | 20 | 22 | 28 | 19 | 19 | 22 |
| Ludhiána ... | 20 | 19 | 22 | 28 | 28 | 33 | ... | ... | ... | 12 | 12 | 12 | 22 | 21 | 27 | 22 | 22 | 25 |
| Ferozepore ... | 19 | 19 | 20 | 32 | 34 | 33 | ... | ... | ... | 10 | 10 | 10 | 23 | 21 | 28 | 20 | 21 | 20 |
| Mooltan ... | 16 | 14 | 16 | 27 | 28 | 25 | ... | ... | ... | 12 | 12 | 12 | 22 | 21 | 24 | 21 | 21 | 20 |
| Jhang ... | 17 | 17 | 20 | 26 | 29 | 28 | ... | ... | ... | 9 | 10 | 10 | 18 | 21 | 22 | 20 | 21 | 16 |
| Montgomery ... | 17 | 16 | 20 | 26 | 26 | 28 | ... | ... | ... | 10 | 10 | 10 | 20 | 20 | 28 | ‡ | 20 | 15 |
| Lahore ... | 18 | 17 | 19 | 28 | 28 | 31 | ... | ... | ... | 11 | 11 | 9 | 20 | 19 | 30 | 18 | 18 | 15 |
| Amritsar ... | 19 | 20 | 22 | 31 | 31 | 31 | ... | ... | ... | 10 | 10 | 10 | 19 | 19 | 26 | 17 | 17 | 17 |
| Gurdáspur ... | 19 | 18 | 24 | 27 | 24 | 28 | ... | ... | ... | 14 | 14 | 12 | 16 | 16 | 22 | 14 | 14 | 14 |
| Siálkot ... | 17 | 17 | 21 | 30 | 30 | 32 | ... | ... | ... | 12 | 12 | 11 | 22 | 23 | 26 | 20 | 22 | 23 |
| Gujrát ... | 20 | 19 | 22 | 33 | 33 | 35 | ... | ... | ... | 11 | 11 | 9 | 28 | 30 | 25 | 22 | 22 | 22 |
| Gujránwála ... | 18 | 17 | 19 | 30 | 32 | 34 | ... | ... | ... | 11 | 12 | 10 | 18 | 17 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 25 | 30 | 32 | 40 | ... | ... | ... | 10 | 10 | 10 | 24 | 24 | 33 | 23 | 23 | 29 |
| Jhelum ... | 17 | 17 | 21 | 31 | 30 | 31 | ... | ... | ... | 13 | 12 | 9 | 22 | 23 | 23 | 24 | 26 | 21 |
| Ráwalpindi ... | 20 | 18 | 17 | 37 | 36 | 35 | ... | ... | ... | 9 | 9 | 12 | 32 | 32 | 25 | 27 | 27 | 21 |
| Hazára ... | 19 | 19 | 18 | 38 | 33 | 33 | ... | ... | ... | 12 | 12 | 12 | § | § | § | § | 24 | § |
| Peshávar ... | 20 | 18 | 21 | 44 | 45 | 44 | ... | ... | ... | 10 | 10 | 10 | 29 | 28 | 26 | 23 | 23 | 15 |
| Kohát ... | 24 | 22 | 22 | 42 | 43 | 46 | ... | ... | ... | 16 | 15 | 12 | 33 | 20 | 16 | 33 | 30 | 16 |
| Bannu ... | 29 | 24 | 26 | 54 | 51 | 36 | ... | ... | ... | 13 | 13 | 11 | 50 | 43 | 25 | 30 | 29 | 19 |
| D. I. Khan ... | 19 | 17 | 20 | 36 | 37 | 35 | ... | ... | ... | 8 | 8 | 8 | 30 | 32 | 25 | 28 | 28 | 24 |
| D. G. Khan ... | 16 | 15 | 17 | 25 | 25 | 25 | ... | ... | ... | 8 | 8 | 10 | 20 | 21 | 25 | 24 | 25 | 22 |
| Muzaffargarh | 16 | 15 | 18 | 25 | 25 | 26 | ... | ... | ... | 15 | 15 | 13 | 19 | 19 | 20 | 19 | 19 | 21 |

‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th MAY 1890.

THE ORDINARY SEER OF 80 TOLAS

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 24 | 23 | 25 |
| † | † | † | 16 | 16 | 16 | 22 | 22 | 27 |
| † | † | † | † | † | † | 21 | 20 | 24 |
| † | † | † | 13 | 13 | 12 | 20 | 21 | 25 |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 22 | 27 |
| 20 | 20 | 21 | 8 | 8 | 10 | 23 | 24 | 28 |
| 18 | 17 | 24 | 8 | 10 | 8 | 16 | 17 | 20 |
| 22 | 22 | 25 | 8 | 7 | 8 | 19 | 18 | 20 |
| 14 | 14 | 12 | 16 | 16 | 24 | 23 | 24 | 28 |
| ‡ | ‡ | ‡ | 20 | 20 | 24 | 23 | 22 | 27 |
| † | † | † | 20 | 20 | 22 | 24 | 24 | 29 |
| † | † | ... | 22 | 22 | 16 | 26 | 28 | 27 |
| † | † | † | 23 | 24 | 24 | 21 | 20 | 20 |
| 21 | 20 | 20 | 22 | 22 | 20 | 17 | 18 | 17 |
| § | § | § | 28 | 28 | 28 | 22 | 22 | 26 |
| § | § | § | 30 | 30 | 24 | 24 | 23 | 27 |
| † | † | ‡ | 17 | 18 | 23 | 25 | 25 | 26 |
| † | † | † | 12 | 16 | 12 | 23 | 23 | 22 |
| § | § | § | 22 | 28 | 20 | 22 | 22 | 26 |
| † | † | † | 12 | 10 | 10 | 23 | 23 | 26 |
| § | § | § | 18 | 18 | 16 | 23 | 24 | 26 |
| 20 | 20 | 20 | 20 | 20 | 20 | 25 | 25 | 30 |
| ‡ | ‡ | † | ‡ | 16 | ‡ | 23 | 22 | 25 |
| † | ‡ | ‡ | 16 | 16 | 15 | 23 | 23 | 25 |
| † | † | † | § | 24 | § | 20 | 19 | 22 |
| † | † | † | 21 | 21 | 18 | 19 | 21 | 20 |
| † | 20 | † | 25 | 25 | § | 29 | 29 | 20 |
| 8 | 8 | 9 | 8 | 8 | 9 | 36 | 38 | 30 |
| § | § | § | 6 | 6 | 6 | 28 | 29 | 22 |
| § | § | § | § | § | § | 19 | 20 | 16 |
| § | § | § | § | § | § | 19 | 19 | 19 |

† Not produced.
‡ Not sold.
§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 19 seers as compared with 18 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 22 | 18 | 19 |
| Kángra | ... | 19 | 14 | 14 |
| Gurdáspur | ... | 24 | 18 | 19 |
| Shahpur | ... | 25 | 19 | 19 |
| Kohát | ... | 22 | 22 | 24 |
| Bannu | ... | 26 | 24 | 29 |

*Barley.*—Prices average 30 seers as compared with 30 seers in last fortnight and 31 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 28 | 22 | 22 |
| Jullundur | ... | 36 | 30 | 30 |
| Lahore | ... | 31 | 28 | 28 |
| Shahpur | ... | 40 | 32 | 30 |
| Hazára | ... | 33 | 38 | 38 |
| Bannu | ... | 36 | 51 | 54 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 11 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 11 | 12 | 12 |
| Hoshiárpur | ... | 12 | 10 | 10 |
| Lahore | ... | 9 | 11 | 11 |
| Jhelum | ... | 9 | 12 | 13 |
| Kohát | ... | 12 | 15 | 16 |
| Muzaffargarh | ... | 13 | 15 | 15 |

*Jowár.*—Prices average 23 seers as compared with 22 seers in last fortnight and 24 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 24 | 17 | 18 |
| Jullundur | ... | 28 | 22 | 20 |
| Lahore | ... | 30 | 19 | 20 |
| Shahpur | ... | 33 | 24 | 24 |
| Kohát | ... | 16 | 20 | 33 |
| Bannu | ... | 25 | 43 | 50 |

*Bájra.*—Prices average 20 seers as compared with 21 seers in last fortnight and 19 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 16 | 21 | 20 |
| Jullundur | ... | 22 | 19 | 19 |
| Jhang | ... | 16 | 21 | 20 |
| Ráwalpindi | ... | 21 | 27 | 27 |
| Kohát | ... | 16 | 30 | 33 |
| Bannu | ... | 19 | 29 | 30 |

*Gram.*—Prices average 23 seers as compared with 23 seers in last fortnight and 24 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 27 | 22 | 21 |
| Ludhiána | ... | 29 | 24 | 24 |
| Montgomery | ... | 26 | 22 | 22 |
| Shahpur | ... | 30 | 25 | 25 |
| Kohát | ... | 20 | 29 | 29 |
| Bannu | ... | 30 | 38 | 36 |

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 15th May 1890. | | Past fortnight ending 30th April 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 18 | † | † | † | 120 | 120 | 90 | 11 12 | 11 8 | 11 12 | 11 8 | 10 8 | 10 0 |
| Rohtak ... | 18 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 11 0 | 12 0 | 11 0 |
| Gurgaon ... | 20 | 22 | 20 | 24 | 24 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 14 | 24 | 23 | 24 | 27 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 23 | 23 | 32 | 20 | 20 | 20 | 160 | 160 | 160 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 25 | 26 | 35 | 20 | 20 | 19 | 150 | 150 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 15 | 16 | 22 | 11 | 11 | 9 | 65 | 65 | 70 | 9 12 | 9 0 | 10 4 | 9 8 | 9 12 | 9 0 |
| Kángra ... | 18 | 18 | 26 | 13 | 14 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 26 | 25 | 32 | 16 | 16 | 17 | 90 | 90 | 120 | 13 4 | 13 2 | 13 4 | 13 2 | 13 2 | 13 0 |
| Jullundur ... | 28 | 28 | 34 | ‡ | ‡ | ‡ | 110 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 26 | 26 | 38 | 12 | 14 | 13 | 120 | 110 | 110 | 13 0 | 12 0 | 13 8 | 13 0 | 13 0 | 12 8 |
| Ferozepore ... | 23 | 24 | 30 | 12 | 12 | 11 | 100 | 100 | 100 | 13 4 | 13 4 | 13 8 | 13 4 | 13 8 | 13 4 |
| Mooltan ... | 22 | 21 | 25 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Jhang ... | 22 | 23 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | ‡ | 20 | 28 | 12 | 12 | 12 | 220 | 220 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 20 | 20 | 29 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 25 | 25 | 30 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gurdáspur ... | 21 | 22 | 24 | 10 | 10 | 9 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 27 | 27 | 26 | 14 | 14 | 13 | 120 | 120 | 160 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 28 | 29 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 28 | 28 | 20 | § | § | § | 85 | 85 | 100 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 24 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 29 | 25 | 11 | 11 | 12 | 130 | 140 | 160 | * | 13 0 | 14 0 | 14 0 | * | 14 4 |
| Ráwalpindi ... | 31 | 31 | 24 | 25 | 26 | 20 | 85 | 90 | 90 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 30 | 30 | 20 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 34 | 34 | 27 | 30 | 30 | 22 | 102 | 105 | 100 | 42 0 | 41 0 | 42 0 | 40 0 | 40 5 | 40 0 |
| Kohát ... | 38 | 38 | 27 | 20 | † | † | 145 | 145 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 58 0 | 54 0 |
| Bannu ... | 46 | 46 | 30 | 14 | 14 | 13 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | 30 | 32 | 17 | § | 15 | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 28 0 | 27 0 | 28 0 | 27 0 | 29 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th MAY 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| Gur. | | | Cotton (Unginned). | | |
| Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 9 0 | 9 0 | 13 4 | 7 0 | 7 0 | 6 4 |
| 10 0 | 10 0 | 17 0 | 8 0 | 7 8 | 9 0 |
| 9 0 | 9 0 | 17 0 | 9 0 | 8 0 | 8 0 |
| 7 0 | 7 0 | 10 0 | 7 0 | 7 0 | 7 0 |
| 9 8 | 10 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 14 0 | ... | 7 8 | 8 0 |
| 6 4 | 6 0 | 7 0 | 2 4 | 2 4 | 2 0 |
| | | | | | |
| 7 0 | 8 0 | 10 0 | 8 0 | 7 0 | 8 0 |
| 6 12 | 7 0 | 14 8 | 7 0 | 7 0 | 8 0 |
| 8 0 | 9 0 | 15 0 | 8 0 | 8 0 | 7 0 |
| 7 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 9 8 | 13 0 | 8 8 | 8 8 | 8 0 |
| | | | | | |
| 7 0 | 7 0 | 12 0 | 7 0 | 7 0 | 7 0 |
| 8 4 | 8 12 | 11 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 9 0 | 9 0 | 9 0 |
| 8 0 | 8 0 | 12 0 | 8 1 | 8 1 | 7 2 |
| 9 0 | 8 8 | 15 0 | 8 0 | 8 0 | 8 0 |
| 9 8 | 11 8 | 15 14 | 8 0 | 9 0 | 8 0 |
| | | | | | |
| 9 0 | 10 0 | 16 0 | 8 0 | 8 0 | 9 0 |
| 10 0 | 9 0 | 14 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 10 0 | 13 8 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 7 0 | 7 0 | 8 0 |
| 8 8 | 9 0 | 13 0 | 7 0 | 8 0 | 8 0 |
| 7 8 | 8 0 | 9 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 9 0 | § | § | § |
| 7 2 | 7 4 | 9 0 | 8 12 | 8 10 | 6 12 |
| 9 0 | 7 8 | 10 8 | 9 0 | 10 0 | 8 0 |
| | | | | | |
| 11 9 | 11 4 | 16 0 | 8 12 | 8 12 | 8 2 |
| 10 0 | 9 12 | 12 0 | 9 0 | 9 0 | 9 6 |
| 6 9 | 6 9 | 9 6 | 8 8 | 7 8 | 9 4 |
| 8 8 | 8 8 | 11 0 | 8 0 | 8 0 | 8 0 |

### REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 26 seers as compared with 26 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 35 | 26 | 25 |
| Ferozepore | ... | 30 | 24 | 23 |
| Lahore | ... | 29 | 20 | 20 |
| Gujránwála | ... | 20 | 28 | 28 |
| Kohát | ... | 27 | 35 | 38 |
| Bannu | ... | 30 | 44 | 46 |

§ Not procurable.

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 19 | 22 | 22 | 25 | ... | ... | ... | 13 | 13 | 12 | 19 | 18 | 25 | 18 | 18 | 19 | † | † | ... |
| Ferozepore ... | 19 | 19 | 20 | 32 | 34 | 33 | ... | ... | ... | 10 | 10 | 10 | 23 | 21 | 28 | 20 | 21 | 20 | † | † | ... |
| Mooltan ... | 16 | 15 | 17 | 28 | 29 | 26 | ... | ... | ... | 13 | 13 | 13 | 22 | 21 | 25 | 21 | 21 | 21 | † | † | ... |
| Lahore ... | 20 | 18 | 19 | 30 | 30 | 32 | ... | ... | ... | 11 | 11 | 10 | 20 | 20 | 31 | 19 | 19 | 20 | § | § | ... |
| Amritsar ... | 20 | 21 | 22 | 32 | 32 | 32 | ... | ... | ... | 11 | 11 | 10 | 20 | 20 | 26 | 18 | 18 | 17 | † | † | ... |
| Peshâwar ... | 21 | 19 | 21 | 45 | 47 | 45 | ... | ... | ... | 11 | 11 | 11 | 30 | 29 | 27 | 24 | 24 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th MAY 1890.**

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th May 1890. | Past fortnight ending 30th April 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 13 | 21 | 22 | 26 | 16 | 15 | 25 | 24 | 25 | 28 | 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 | |
| 22 | 22 | 16 | 27 | 28 | 27 | 23 | 24 | 30 | 12 | 12 | 11 | 8 8 | 9 8 | 13 0 | 8 8 | 8 8 | 8 0 | |
| 24 | 25 | 25 | 22 | 21 | 21 | 22 | 22 | 26 | † | † | ... | 7 4 | 7 8 | 13 0 | 7 4 | 7 4 | 7 4 | |
| 31 | 31 | 25 | 25 | [illegible] | 27 | 21 | 21 | 30 | 13 | 13 | 13 | 8 0 | 9 8 | 13 0 | 8 3 | 8 3 | 7 8 | |
| 18 | 19 | 23 | 26 | 26 | 26 | 26 | 26 | 31 | † | † | ... | 9 8 | 9 0 | 15 0 | 8 0 | 8 0 | 8 0 | |
| 22 | 22 | 19 | 20 | 22 | 21 | 35 | 35 | 28 | 31 | 31 | 23 | 7 5 | 7 8 | 9 2 | 9 0 | 8 14 | 6 15 | |

† Not produced.

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 3rd MAY 1890.

| No. | Districts. | Towns. | Population. | Births. |  |  | Deaths. |  |  | Cause of Death. |  |  |  |  |  | Infants under one year of age. |  |  | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. |  |  |
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 2 | 6 | 12 | 6 | 6 | 1 | ... | 5 | ... | ... | 6 | ... | ... | ... | 22 | 44 |
| 2 |  | Hansi ... | 12,656 | 4 | 6 | 10 | 14 | 8 | 6 | ... | ... | 9 | ... | ... | 5 | 1 | 1 | 2 | 41 | 58 |
| 3 |  | Bhiwani ... | 33,762 | 4 | 5 | 9 | 33 | 18 | 15 | ... | ... | 16 | 3 | ... | 14 | 3 | 4 | 7 | 14 | 51 |
| 4 |  | Sirsa ... | 12,292 | 3 | 1 | 4 | 21 | 12 | 9 | ... | ... | 16 | ... | ... | 5 | 4 | 3 | 7 | 17 | 89 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 7 | 11 | 18 | 11 | 7 | ... | ... | 9 | 3 | ... | 6 | ... | 2 | 2 | 37 | 60 |
| 6 |  | Jhajjar ... | 11,650 | 3 | 4 | 7 | 10 | 4 | 6 | ... | ... | 6 | ... | ... | 4 | 2 | 3 | 5 | 31 | 45 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 8 | 2 | 10 | 16 | 9 | 7 | ... | ... | 10 | 2 | ... | 4 | 2 | 2 | 4 | 21 | 34 |
| 8 |  | Palwal ... | 10,635 | 1 | 4 | 5 | 7 | 5 | 2 | ... | ... | 4 | ... | ... | 3 | 3 | 1 | 4 | 25 | 34 |
| 9 | Delhi ... | Delhi ... | 117,363 | 36 | 34 | 70 | 108 | 57 | 51 | ... | ... | 71 | 2 | 1 | 34 | 19 | 8 | 27 | 31 | 48 |
| 10 |  | " Suburbs ... | 52,882 | 11 | 7 | 18 | 27 | 14 | 13 | ... | ... | 16 | 2 | ... | 9 | ... | 3 | 3 | 18 | 27 |
| 11 |  | Sonepat ... | 13,077 | 2 | 6 | 8 | 13 | 9 | 4 | ... | ... | 11 | 1 | ... | 1 | ... | 1 | 1 | 32 | 52 |
| 12 | Karnal ... | Karnal ... | 23,133 | 5 | 5 | 10 | 25 | 17 | 8 | ... | 5 | 12 | ... | ... | 8 | 5 | 2 | 7 | 23 | 56 |
| 13 |  | Kaithal ... | 14,754 | 4 | 1 | 5 | 6 | 3 | 3 | ... | 1 | 1 | ... | ... | 4 | 3 | 2 | 5 | 18 | 21 |
| 14 |  | Panipat ... | 26,572 | 5 | 11 | 16 | 24 | 9 | 15 | ... | 2 | 13 | 2 | ... | 7 | 5 | 4 | 9 | 31 | 47 |
| 15 | Umballa ... | Umballa ... | 26,777 | 7 | 6 | 13 | 21 | 8 | 13 | ... | ... | 13 | ... | ... | 8 | 2 | 1 | 3 | 25 | 41 |
| 16 |  | Jagadhri ... | 12,300 | 5 | 2 | 7 | 9 | 7 | 2 | ... | ... | 3 | 2 | ... | 4 | 2 | ... | 2 | 30 | 38 |
| 17 |  | Shahabad ... | 10,218 | 4 | 1 | 5 | 17 | 8 | 9 | ... | 3 | 14 | ... | ... | ... | 2 | ... | 2 | 26 | 87 |
| 18 |  | Sadhaura ... | 10,794 | 6 | 7 | 13 | 9 | 5 | 4 | ... | ... | 5 | ... | ... | 4 | 3 | ... | 3 | 63 | 43 |
| 19 |  | Rupar ... | 10,326 | 1 | 3 | 4 | 8 | 4 | 4 | ... | 4 | 2 | 1 | ... | 1 | ... | 1 | 1 | 20 | 40 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 1 | 2 | 3 | 12 | 5 | 7 | ... | ... | 6 | 3 | ... | 3 | 1 | 1 | 2 | 12 | 47 |
| 21 |  | Tanda and Urmar ... | 10,295 | 5 | 5 | 10 | 12 | 7 | 5 | ... | ... | 10 | 2 | ... | ... | 1 | ... | 1 | 51 | 61 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 14 | 13 | 27 | 36 | 28 | 8 | ... | ... | 21 | 2 | ... | 13 | 5 | 2 | 7 | 45 | 60 |
| 23 |  | " Suburbs ... | 11,474 | 2 | 4 | 6 | 14 | 7 | 7 | ... | ... | 7 | 1 | ... | 6 | 1 | 2 | 3 | 27 | 64 |
| 24 |  | Rahon ... | 11,736 | 1 | 2 | 3 | 8 | 4 | 4 | ... | ... | 8 | ... | ... | ... | 1 | 2 | 3 | 13 | 36 |
| 25 | Ludhiana ... | Ludhiana ... | 44,165 | 20 | 10 | 30 | 41 | 19 | 22 | ... | ... | 28 | 3 | ... | 10 | 7 | 5 | 12 | 35 | 48 |
| 26 |  | Jagraon ... | 16,873 | 5 | 4 | 9 | 14 | 7 | 7 | ... | ... | 10 | ... | ... | 4 | ... | 2 | 2 | 28 | 43 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 5 | 4 | 9 | 24 | 16 | 8 | ... | ... | 19 | 1 | ... | 4 | 3 | 1 | 4 | 22 | 60 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 10 | 6 | 16 | 16 | 11 | 5 | ... | ... | 7 | 1 | ... | 8 | 5 | 1 | 6 | 26 | 26 |
| 29 |  | " Suburbs ... | 25,593 | 4 | 8 | 12 | 15 | 6 | 9 | ... | ... | 6 | 1 | ... | 8 | 2 | 5 | 7 | 24 | 31 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 6 | 7 | 13 | 14 | 5 | 9 | ... | ... | 4 | ... | ... | 10 | 5 | 4 | 9 | 54 | 58 |
| 31 |  | Chiniot ... | 10,731 | 5 | 8 | 13 | 10 | 4 | 6 | ... | ... | 3 | ... | ... | 7 | 1 | 3 | 4 | 63 | 49 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 29 | 24 | 53 | 75 | 37 | 38 | ... | ... | 51 | 2 | 1 | 21 | 6 | 7 | 13 | 28 | 40 |
| 33 | | " Suburbs ... | 41,670 | 4 | 1 | 5 | 24 | 20 | 4 | ... | ... | 12 | ... | ... | 12 | 2 | 1 | 3 | 6 | 30 |
| 34 | | Kasur ... | 17,336 | 3 | 4 | 7 | 13 | 8 | 5 | ... | ... | 4 | ... | ... | 9 | 2 | 2 | 4 | 21 | 39 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 31 | 35 | 66 | 143 | 82 | 61 | ... | ... | 65 | 2 | 3 | 73 | 21 | 10 | 31 | 24 | 52 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 13 | 8 | 21 | 26 | 13 | 13 | ... | ... | 14 | ... | ... | 12 | 6 | 1 | 7 | 45 | 56 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 12 | 9 | 21 | 29 | 18 | 11 | ... | 3 | 7 | 2 | 1 | 16 | 2 | ... | 2 | 32 | 45 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 14 | 7 | 21 | 14 | 7 | 7 | ... | ... | 10 | ... | ... | 4 | ... | ... | ... | 58 | 39 |
| 39 | | Jalalpur ... | 12,839 | 5 | ... | 5 | 16 | 5 | 11 | ... | ... | 6 | ... | ... | 10 | 1 | 1 | 2 | 20 | 65 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 7 | 6 | 13 | 27 | 17 | 10 | ... | 3 | 13 | 1 | ... | 10 | 3 | 1 | 4 | 30 | 62 |
| 41 | | Wazirabad ... | 16,462 | 5 | 4 | 9 | 15 | 9 | 6 | ... | ... | 11 | ... | ... | 4 | ... | 1 | 1 | 29 | 48 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 3 | 8 | 11 | 7 | 3 | 4 | ... | ... | 2 | 1 | ... | 4 | ... | 2 | 2 | 38 | 24 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 7 | 1 | 6 | ... | ... | 5 | ... | ... | 2 | ... | 1 | 1 | 9 | 22 |
| 44 | | Pind Dadan Khan ... | 16,724 | 1 | 3 | 4 | 6 | 5 | 1 | ... | ... | 4 | ... | 1 | 1 | 1 | ... | 1 | 12 | 19 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 2 | 10 | 12 | 24 | 14 | 10 | ... | ... | 8 | ... | ... | 16 | ... | 2 | 2 | 23 | 45 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 25 | 18 | 43 | 44 | 23 | 21 | ... | ... | 35 | 3 | ... | 6 | 1 | 2 | 3 | 38 | 39 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 5 | 9 | 12 | 6 | 6 | ... | ... | 8 | 2 | ... | 2 | ... | 1 | 1 | 35 | 46 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 2 | 3 | 5 | 13 | 7 | 6 | ... | ... | 8 | 3 | ... | 2 | 1 | ... | 1 | 14 | 36 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 3 | 4 | 7 | 7 | 7 | ... | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 19 | 19 |
| | Birth and death rate of London for the week ending 12th April 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·8 | 19·1 |
| | Grand Total ... | | 1,311,330 | 360 | 337 | 697 | 1116 | 615 | 501 | 1 | 21 | 634 | 48 | 7 | 405 | 134 | 98 | 232 | 28 | 44 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... ... | 12,305 | 1 | 4 | 5 | 14 | 10 | 4 | ... | ... | 14 | ... | ... | ... | 1 | ... | 1 | 21 | 59 |
| | Dharmsala ... | ... ... ... | 3,839 | 1 | 2 | 3 | 2 | 2 | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | 41 | 27 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | 3 | 3 | ... | ... | ... | 2 | ... | ... | 1 | 1 | ... | 1 | ... | 180 |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 42 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 27th May 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 3rd May 1890.*

*General Results.*—The return is incomplete, the registers for the Báhlak Police Station in the Montgomery District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 13,854 against 11,935 in the previous week and 9,827 in the corresponding week of the past year, giving respectively an annual death-rate of 38·4, 33·1 and 27·2 per 1,000 of population. The death-rate continues to rise and is 12 per 1,000 higher than the average annual death-rate of the corresponding week of the five years 1885—89.

*Cholera.*—There were two deaths registered under the head of cholera,—one in Hissar and the other in Fatahabad, a Municipal town in the Hissar District.

*Small-pox.*—From small-pox 333 deaths were registered against 254 in the previous week and 232 in the corresponding week of the past year.

*Fevers.*—From fevers there were 10,185 deaths against 8,677 in the previous week and 6,672 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 285 deaths against 291 and 344.

*Chest disease.*—Seven hundred and sixteen against 675 and 660.

*Snake-bite.*—Nine against 10 and 8.

*Hydrophobia.*—Four against 3 and 2.

*All other causes.*—Two thousand three hundred and twenty against 2,023 in the previous week and 1,902 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand and twenty-seven deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,679 were males and 1,348 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,116 deaths were registered (615 males and 501 females), giving a death-rate of 44 per mille of population; 697 births were registered (360 males and 337 females), giving a birth-rate of 28 per mille of population. The death-rate was very high in the Municipal towns of Sirsa and Shahabad. The average death-rate of the 49 large Municipal towns is also high, being 18·7 per 1,000 higher than the average death-rate of the rest of the Province for the corresponding week of the five years 1885—89.

LAHORE :
*The 27th May 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—29-5-90—690.

No. 23 of 1890

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 5, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 3rd JUNE 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Rabi. | Prospects of Kharif. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·40 in Fatahabad. 0·08 in Hissar. 0·07 in Hánsi. | Fodder scarce. | Stationary. | ... | ... |
| 2 | Delhi ... | 0·35 in Ballabgarh. | Scarcity of fodder. | Do. | ... | Sugarcane and cotton cultivation progressing. |
| 3 | Umballa ... | ... | Fodder scarce. | Do. | ... | Kharif ploughing will commence on falling of rain. |
| 4 | Jullundur ... | 0·30 in Tahsíl Nakodar. | Fodder insufficient. | Do. | Rabi harvest good. | ... |
| 5 | Ferozepore ... | ... | Fodder sufficient, but not plentiful. | Do. | Rabi threshing completed. | Slight damage reported to cotton and charri crops from continuous storms. |
| 6 | Amritsar ... | ... | Fodder sufficient. | Do. | Threshing of crops almost completed. | Sugarcane and cotton in good condition. No complaint against canal working. |
| 7 | Siálkot ... | ... | ... | Do. | Crops almost threshed. | ... |
| 8 | Lahore ... | 0·30 in Kasúr. | Dry fodder sufficient. | Falling at Sharakpur; elsewhere stationary. | Harvesting almost all finished. The crops turned out much better than was expected from their appearance; on báráni lands poor or none. | Watering of sugarcane and the sowing of the other kharif crops in progress. |
| 9 | Mooltan ... | ... | Fodder insufficient on Rawa and on Sidhnai. | Falling. | Harvesting in progress. | Canals flowing except Sidhnai. |
| 10 | Ráwalpindi ... | ... | Fodder sufficient. | Stationary. | Rabi being cleaned; produce below average. Opium produce average. | ... |
| 11 | Shahpur ... | Slight rain fell in Shahpur. | Fodder scarce in Bar tracts. | Wheat 19 and 20 seers rupee. | Rabi being harvested. | Cotton sowings finished. |
| 12 | D. I. Khan ... | 0·06 | Average. | Stationary. | ... | Extra rabi and cotton crops in good condition. |
| 13 | Peshávar ... | ... | Sufficient. | Do. | Threshing of rabi crops in progress. | Prospects of kharif crop average. |

*GENERAL REMARKS.*

Slight rain fell in Districts Hissar, Delhi, Jullundur, Lahore, Shahpur and Dera Ismail Khan. Prices falling in Mooltan and in Tahsíl Sharakpur, District Lahore; elsewhere stationary. Harvesting and threshing of rabi crops almost completed. Rabi outturn good in Jullundur and fair in Lahore; and below average elsewhere. Kharif crops good in Amritsar and Dera Ismail Khan; average in Peshávar. Slight damage done to cotton and charri from storms in Ferozepore. Fodder scarce in Hissar, Delhi, Umballa, Jullundur, Mooltan and in a portion of Shahpur; elsewhere sufficient. Opium produce average in Ráwalpindi.

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T*=Thunder.
R=Slight rain, not measured.
D=Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Week ending* 18th *May* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 12th. | Tuesday 13th. | Wednesday 14th. | Thursday 15th. | Friday 16th. | Saturday 17th. | Sunday 18th. | Total. | Special Remarks. |
| Simla. | Kasauli ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *S* ... | 11th Do. ... | 0·11 | ... | ... | ... | 1·25 | 0·62 | ... | 1·98 | |
| Gujranwala. | Meluana *C* ... | 30th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 25th MAY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-gauge station. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Month of May* 1890. Monday 19th. | Tuesday 20th. | Wednesday 21st. | Thursday 22nd. | Friday 23rd. | Saturday 24th. | Sunday 25th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 18th May | 0·08 | ... | ... | 0·29 | ... | ... | ... | 0·37 | |
| | Fatahabad | Ditto | ... | ... | ... | 0·11 | ... | ... | ... | 0·11 | |
| | Barwála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar *s* | Ditto | 0·31 | ... | ... | ... | ... | ... | ... | 0·31 | |
| | Hánsi | Ditto | 0·28 | ... | ... | ... | ... | ... | ... | 0·28 | |
| | Bhiwáni | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak *s* | 18th May | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Gohána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | Ditto | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Jhajjar | 27th April | 0·45 | ... | ... | ... | ... | ... | ... | 0·45 | |
| Gurgaon. | Farukhnagar | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Firozpur | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 18th May | ... | ... | 0·08 | ... | ... | ... | ... | 0·08 | |
| | Sadr (Delhi) *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 16th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | Weather unusually variable. |
| | Karnál *s* | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 26th April | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Jagádhri | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa *s* | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádapur *C* | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli *s* | 1st May | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Barauli | 2nd Do. | ... | 0·30 | 0·40 | ... | ... | ... | ... | 0·70 | |
| | Simla *s* | Ditto | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Kot Khái | 29th April | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Kilba *s* | 17th May | ... | ... | ... | ... | | | | | |
| Kangra. | Plách | 18th May | 0·02 | 0·05 | ... | ... | ... | ... | ... | 0·07 | |
| | Kulu *s* | Ditto | ... | 0·20 | ... | ... | ... | ... | 0·02 | 0·22 | |
| | Nagar | 17th May | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| | Pálampur | 18th Do. | ... | ... | 0·01 | ... | ... | ... | ... | 0·01 | |
| | Hamírpur | 30th April | 0·03 | ... | ... | ... | ... | ... | ... | 0·03 | |
| | Dera | 18th May | 1·64 | ... | ... | ... | ... | ... | ... | 1·64 | |
| | Kángra | 30th April | ... | 0·10 | 0·17 | ... | ... | ... | ... | 0·27 | |
| | Dharmsála *s* | 18th May | ... | 0·16 | ... | ... | ... | ... | ... | 0·16 | |
| | Nurpur | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasuya | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | Ditto | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Sadr Station | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiarpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of May 1890. Monday 19th. | Tuesday 20th. | Wednesday 21st. | Thursday 22nd. | Friday 23rd. | Saturday 24th. | Sunday 25th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodur | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 16th Feby. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Gobindgarh C | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 4th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 26th April | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Chiniot | 25th Do. | 0·25 | ... | 0·26 | ... | ... | ... | ... | 0·51 | |
| Montgomery. | Gugera | 27th April | 0·31 | ... | ... | ... | ... | ... | ... | 0·31 | |
| | Montgomery s | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van C b | 27th April | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| | Chunián | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 26th April | ... | ... | 0·06 | ... | ... | ... | ... | 0·06 | |
| | Pambe C | 30th Do. | ... | ... | 0·07 | ... | ... | ... | ... | 0·07 | |
| | Sharakpur | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg C | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála C | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu C b | 26th Do. | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| Amritsar. | Buchar C b | 30th April | 0·17 | ... | 0·03 | ... | ... | ... | ... | 0·20 | |
| | Kharar C | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya C | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála C | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar C | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh C | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál C | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler C | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur s | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur C | 28th April | 0·18 | ... | ... | ... | ... | ... | ... | 0·18 | |
| | Pathánkot | 27th Do. | 0·16 | ... | ... | ... | ... | ... | ... | 0·16 | |
| | Dalhousie s | 18th May | 0·36 | 0·35 | ... | ... | ... | ... | ... | 0·71 | |
| | Mádhopur C b | 28th April | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Shakargarh | 29th Do. | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| Sialkot. | Zafarwál | 28th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 2nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | 18th Do. | 0·23 | ... | ... | ... | ... | ... | ... | 0·22 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of May 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 19th. | Tuesday 20th. | Wednesday 21st. | Thursday 22nd. | Friday 23rd. | Saturday 24th. | Sunday 25th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 18th May | 1 05 | ... | 0·10 | ... | ... | ... | ... | 1·15 | |
| | Gujrát | Ditto | 1 05 | ... | 0·10 | ... | ... | ... | ... | 1·15 | |
| | Khárián | Ditto | 0·37 | ... | 0·41 | ... | ... | ... | ... | 0·78 | |
| | Phália | 28th April | 0·40 | ... | 0·10 | ... | ... | ... | ... | 0·50 | |
| Gujranwala. | Rámnagar | 18th May | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Wazirabad | Ditto | ... | 0 06 | ... | ... | ... | ... | ... | 0·06 | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hafizabad | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Meluána C | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot C | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 25th March | 0·64 | ... | ... | ... | ... | ... | ... | 0·64 | |
| | Sahiwál | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | 1st Do. | 0·16 | 0·12 | ... | ... | ... | ... | ... | 0·28 | |
| | Miáni | 23rd April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 2nd May | 0·12 | ... | 0·24 | ... | ... | ... | ... | 0 36 | |
| | Sadr Station s | 18th Do. | 0·06 | ... | 0·09 | ... | ... | ... | ... | 0·15 | |
| | Chakwál | 2nd Do. | ... | ... | 1·65 | ... | ... | ... | ... | 1·65 | |
| | Talagang | Ditto | 1·18 | ... | 0·13 | ... | ... | ... | ... | 1·31 | |
| Rawalpindi. | Pindigheb | 29th April | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Fatahjang | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | Ditto | 0·20 | ... | ... | ... | ... | ... | ... | 0 20 | |
| | Ráwalpindi s | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan | Ditto | ... | 0·24 | ... | ... | ... | ... | ... | 0·24 | |
| | Kahúta | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree s | Ditto | ... | 0 30 | ... | ... | ... | ... | ... | 0·30 | |
| Hazara. | Abbott-abad s | 18th May | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Mansahra | 17th Do. | 0·11 | ... | ... | ... | ... | ... | ... | 0·11 | |
| | Haripur | 18th Do. | 0·03 | ... | ... | ... | ... | ... | ... | 0·03 | |
| Peshawar. | Sawábi | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utmao Bolak) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 1st May | 0 06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Mardán s | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 6th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | 3rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 7th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát s | 3rd May | ... | ... | T.1·15 | ... | ... | ... | D.T. | 1·15 | |
| | Hangu | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bannu. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 1st May | 0·43 | ... | ... | ... | ... | ... | ... | 0·43 | |
| | Kuláchi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 2nd May | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 5th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of April 1890.*

| DETAIL. | | | Unit. | | REMARKS. |
|---|---|---|---|---|---|
| Length of channel open ... ... | | | Miles | 188 | |
| Receipts. | Tollage. | Private boats... ... ... | Rs. | 192 | |
| | | Government boats ... ... | " | 20 | |
| | | Rafts ... ... ... | " | 954 | |
| | Hire of Government boats ... ... | | " | 29 | |
| | Total ... | | " | 1,195 | |
| Cost of Navigation Establishment... ... | | | " | *540 | * Includes maintenance charges. |
| Net revenue during month ... ... | | | " | 655 | |
| Boats plying. | Number ... | Cargo... ... | No. | 34 | |
| | | Passengers ... | " | 7 | |
| | Tonnage ... | Cargo... ... | Tons | 469 | |
| | | Passengers ... | " | 21 | |
| Ton mileage ... | | Up ... ... | " | 4,958 | |
| | | Down... ... | " | 61,394 | |
| | | Total ... ... | " | 66,352 | |
| Estimated value of cargo | | Up ... ... | Rs. | 19,388 | |
| | | Down... ... | " | 32,183 | |
| | | Total ... ... | " | 51,571 | |
| Number of passengers ... ... ... | | | No. | 693 | |
| Rafts ... ... | | Contents—Down ... | C. ft. | 115,128 | |
| | | Estimated value ... | Rs. | 60.462 | |
| Tollage on boats per ton per mile ... ... | | | Pie | 0·7 | |
| Do. rafts per 100 cubic feet ... ... | | | Re. | 0-13-3 | |
| Description and quantities of goods carried. | Grain ... ... | Up ... ... | Tons | 168 | |
| | | Down... ... | " | 171 | |
| | | Total ... ... | " | 339 | |
| | Salt ... ... | Up ... ... | " | 9 | |
| | Building materials ... | Down... ... | " | 1,302 | |
| | Fuel ... ... | Up ... ... | " | 8 | |
| | | Down... ... | " | 96 | |
| | | Total ... ... | " | 104 | |
| | Timber ... ... | Up ... ... | " | 2 | |
| | | Down... ... | " | 315 | |
| | | Total ... ... | " | 317 | |
| | Bamboos and reeds ... | Up ... | " | 1 | |
| | | Down... ... | " | 18 | |
| | | Total ... | " | 19 | |
| | Miscellaneous ... | Up ... ... | " | 39 | |
| | | Down... ... | " | 6 | |
| | | Total ... ... | " | 45 | |
| | Total Traffic ... | Up ... ... | " | 227 | |
| | | Down... ... | " | 1,908 | |
| | | Total ... ... | " | 2,135 | |
| | Rafts. | Logs, round and squared—Down ... | " | 1 | |
| | | Sleepers, broad gauge. Down... ... | " | 1,248 | |
| | | Sleepers, metre gauge—Down ... | " | 416 | |
| | | Ballas and Karries—Down ... | " | 53 | |
| | | Bamboos and Reeds—Down ... | " | 19 | |
| | | Total Rafts ... | " | 1,737 | |

LAHORE:
*The* 31*st May* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 10th MAY 1890.

| No. | Districts. | Towns | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 3 | 5 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 2 | ... | 1 | 1 | 18 | 22 |
| 2 | | Hansi ... | 12,656 | 2 | 1 | 3 | 11 | 5 | 6 | ... | ... | 5 | 1 | ... | 5 | ... | 1 | 1 | 12 | 45 |
| 3 | | Bhiwani ... | 33,762 | 4 | 3 | 7 | 32 | 16 | 16 | 1 | 1 | 11 | 3 | ... | 16 | 2 | 3 | 5 | 11 | 49 |
| 4 | | Sirsa ... | 12,292 | 2 | 3 | 5 | 11 | 4 | 7 | 1 | ... | 7 | ... | ... | 3 | 1 | 1 | 2 | 21 | 47 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 7 | 3 | 10 | 11 | 7 | 4 | ... | ... | 4 | ... | ... | 7 | 2 | 1 | 3 | 33 | 37 |
| 6 | | Jhajjar ... | 11,650 | 3 | 4 | 7 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | 2 | ... | 2 | 31 | 18 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 6 | 6 | 12 | 16 | 9 | 7 | ... | 1 | 8 | 3 | ... | 4 | 2 | 1 | 3 | 26 | 34 |
| 8 | | Palwal ... | 10,635 | 2 | 1 | 3 | 8 | 5 | 3 | ... | ... | 5 | ... | ... | 3 | ... | 1 | 1 | 15 | 39 |
| 9 | Delhi ... | Delhi ... | 117,363 | 34 | 26 | 60 | 103 | 54 | 49 | ... | 3 | 64 | 5 | ... | 31 | 16 | 13 | 29 | 27 | 46 |
| 10 | | " Suburbs ... | 52,882 | 13 | 14 | 27 | 24 | 10 | 14 | ... | ... | 17 | 2 | 1 | 4 | 1 | 3 | 4 | 27 | 24 |
| 11 | | Sonepat ... | 13,077 | 5 | 3 | 8 | 11 | 6 | 5 | ... | ... | 8 | 1 | 1 | 1 | ... | 1 | 1 | 32 | 44 |
| 12 | Karnal ... | Karnal ... | 23,133 | 8 | 7 | 15 | 18 | 12 | 6 | ... | 4 | 13 | ... | ... | 1 | 2 | ... | 2 | 34 | 41 |
| 13 | | Kaithal ... | 14,754 | 5 | 3 | 8 | 9 | 6 | 3 | ... | 1 | 2 | 3 | ... | 3 | ... | 2 | 2 | 28 | 32 |
| 14 | | Panipat ... | 26,572 | 13 | 3 | 16 | 28 | 21 | 7 | ... | 4 | 8 | 1 | ... | 15 | 6 | 3 | 9 | 31 | 55 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 10 | 16 | 12 | 6 | 6 | ... | ... | 7 | ... | ... | 5 | 1 | 2 | 3 | 31 | 23 |
| 16 | | Jagadhri ... | 12,300 | 3 | 2 | 5 | 7 | 3 | 4 | ... | ... | ... | 3 | ... | 4 | 3 | 1 | 4 | 21 | 30 |
| 17 | | Shahabad ... | 10,218 | 5 | 1 | 6 | 12 | 6 | 6 | ... | 3 | 8 | ... | ... | 1 | 2 | ... | 2 | 31 | 61 |
| 18 | | Sadhaura ... | 10,794 | 5 | 8 | 13 | 6 | 3 | 3 | ... | ... | 5 | 1 | ... | ... | 1 | 1 | 2 | 63 | 29 |
| 19 | | Rupar ... | 10,326 | 2 | 5 | 7 | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 35 | 10 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 3 | 5 | 8 | 8 | 5 | 3 | ... | ... | 1 | 3 | ... | 4 | ... | 2 | 2 | 31 | 31 |
| 21 | | Tanda and Urmar ... | 10,295 | 1 | 2 | 3 | 7 | 5 | 2 | ... | ... | 7 | ... | ... | ... | ... | ... | ... | 15 | 35 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 12 | 11 | 23 | 29 | 18 | 11 | ... | ... | 20 | 2 | ... | 7 | 6 | 4 | 10 | 38 | 49 |
| 23 | | " Suburbs ... | 11,474 | 1 | 3 | 4 | 8 | 4 | 4 | ... | ... | 3 | 1 | ... | 4 | ... | 1 | 1 | 18 | 36 |
| 24 | | Rahon ... | 11,736 | 7 | 2 | 9 | 10 | 7 | 3 | ... | ... | 9 | 1 | ... | ... | 1 | ... | 1 | 40 | 44 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 11 | 12 | 23 | 30 | 17 | 13 | ... | 2 | 20 | ... | ... | 8 | 4 | 4 | 8 | 27 | 35 |
| 26 | | Jagraon ... | 16,873 | 9 | 5 | 14 | 11 | 5 | 6 | ... | ... | 6 | 3 | ... | 2 | 1 | 2 | 3 | 43 | 34 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 6 | 4 | 10 | 14 | 10 | 4 | ... | ... | 6 | ... | ... | 8 | 2 | 1 | 4 | 25 | 35 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 8 | 11 | 19 | 16 | 7 | 9 | ... | ... | 6 | 2 | ... | 8 | 1 | 4 | 5 | 31 | 26 |
| 29 | | " Suburbs ... | 25,593 | 7 | 6 | 13 | 19 | 10 | 9 | ... | ... | 9 | ... | ... | 10 | 2 | 1 | 3 | 27 | 39 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 1 | 2 | 3 | 5 | 3 | 2 | ... | ... | ... | ... | ... | 5 | ... | ... | ... | 12 | 21 |
| 31 | | Chiniot ... | 10,731 | 7 | 3 | 10 | 7 | 4 | 3 | ... | ... | 4 | ... | ... | 3 | ... | 1 | 1 | 49 | 34 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 29 | 27 | 56 | 51 | 25 | 26 | ... | ... | 34 | 2 | 1 | 14 | 6 | 6 | 12 | 30 | 27 |
| 33 | | " Suburbs ... | 41,670 | 1 | 2 | 3 | 23 | 21 | 2 | ... | ... | 6 | 3 | 1 | 13 | ... | ... | ... | 4 | 29 |
| 34 | | Kasur ... | 17,336 | 1 | ... | 1 | 6 | 2 | 4 | ... | ... | 2 | 1 | ... | 3 | 1 | ... | 1 | 3 | 13 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 37 | 36 | 73 | 113 | 56 | 57 | ... | ... | 59 | 1 | 1 | 52 | 9 | 12 | 21 | 26 | 41 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 7 | 6 | 13 | 23 | 12 | 11 | ... | ... | 18 | 1 | ... | 4 | ... | ... | ... | 28 | 49 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 13 | 6 | 19 | 29 | 17 | 12 | ... | 2 | 7 | 4 | 1 | 15 | 3 | ... | 3 | 29 | 45 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 10 | 4 | 14 | 13 | 4 | 9 | ... | ... | 8 | ... | ... | 5 | 1 | 4 | 5 | 39 | 36 |
| 39 | | Jalalpur ... | 12,839 | 1 | 4 | 5 | 9 | 4 | 5 | ... | ... | 4 | ... | ... | 5 | 2 | ... | 2 | 20 | 37 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 8 | 6 | 14 | 16 | 9 | 7 | ... | ... | 8 | 1 | ... | 7 | 2 | 1 | 3 | 32 | 35 |
| 41 | | Wazirabad ... | 16,462 | 3 | 2 | 5 | 15 | 8 | 7 | ... | ... | 9 | ... | ... | 6 | 1 | 2 | 3 | 16 | 48 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 3 | 4 | 7 | 12 | 6 | 6 | ... | ... | 8 | ... | ... | 4 | ... | 3 | 3 | 24 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 7 | 5 | 2 | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 9 | 22 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 3 | 6 | 21 | 16 | 5 | ... | ... | 11 | 2 | ... | 8 | ... | ... | ... | 19 | 65 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 5 | 3 | 8 | 29 | 15 | 14 | ... | ... | 7 | 3 | ... | 19 | 2 | 1 | 3 | 15 | 55 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 17 | 13 | 30 | 29 | 20 | 9 | ... | ... | 18 | 2 | ... | 9 | 3 | ... | 3 | 26 | 26 |
| 47 | Kohat ... | Kohat ... | 13,490 | ... | 4 | 4 | 12 | 5 | 7 | ... | ... | 9 | ... | ... | 3 | ... | 2 | 2 | 15 | 46 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 2 | 3 | 5 | 9 | 5 | 4 | ... | ... | 4 | 1 | ... | 4 | 1 | 2 | 3 | 14 | 25 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 1 | 3 | 4 | 12 | 8 | 4 | ... | ... | 8 | ... | ... | 4 | ... | 1 | 1 | 11 | 32 |
| Birth and death rate of London for the week ending 19th April 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32·3 | 19·9 |
| | | Grand Total ... | 1,311,330 | 343 | 299 | 642 | 924 | 513 | 411 | 2 | 21 | 495 | 56 | 6 | 344 | 90 | 89 | 179 | 26 | 37 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | ... ... ... | 12,305 | ... | ... | ... | 9 | 5 | 4 | ... | ... | 8 | ... | ... | 1 | 2 | ... | 2 | ... | 38 |
| Dharmsala | ... | ... ... | 3,839 | 2 | ... | 2 | 3 | 3 | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 27 | 41 |
| Dalhousie | ... | ... ... | 870 | ... | ... | ... | 2 | ... | 2 | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | 120 |
| Murree | ... | ... ... | 2,489 | ... | 1 | 1 | 4 | 2 | 2 | ... | ... | 4 | ... | ... | ... | 1 | ... | 1 | 21 | 84 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 30th May 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 10th May 1890.*

*General Results.*—The return for the present week is complete, but the return of the Police Station of Báhlak in the Montgomery District for the previous week has not been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes in the Province were 13,017 against 13,854 in the previous week and 9,744 in the corresponding week of the past year, giving respectively an annual death-rate of 36·0, 38·4 and 27·0 per 1,000 of population. The death-rate is 2·4 per 1,000 lower than it was last week, but is 9 per 1,000 higher than the average of the corresponding week of the five years 1885—89.

*Cholera.*—There were two deaths registered under the head of cholera,—one in the Municipal town of Bhiwáni and the other in the Municipal town of Sirsa, both in the District of Hissar.

*Small-pox.*—From small-pox 368 deaths were registered against 333 in the previous week and 237 in the corresponding week of the past year.

*Fevers.*—From fevers there were 9,553 deaths against 10,185 in the previous week and 6,706 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 327 deaths against 285 and 410.

*Chest disease.*—Six hundred and forty against 716 and 614.

*Snake-bite.*—Five against 9 and 4.

*Hydrophobia.*—0 against 4 and 3.

*All other causes.*—Two thousand one hundred and twenty-two against 2,320 in the previous week and 1,756 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand seven hundred and thirty-seven deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,541 were males and 1,196 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 924 deaths were registered (513 males and 411 females), giving a death-rate of 37 per mille of population; 642 births were registered (343 males and 299 females), giving a birth-rate of 26 per mille of population.

LAHORE:
*The* 30*th May* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—6-6-90—630

No. 24 of 1890

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 12, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 10th JUNE 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Rabi. | Kharif. |
| 1 | Hissar ... | Rain urgently required. | Fodder scarce. | Stationary. | ... | ... |
| 2 | Delhi ... | ... | Do. | Do. | ... | Cotton cultivation progressing. |
| 3 | Umballa ... | 1·20 | Fodder scarce. | Do. | ... | Kharif ploughing commenced. |
| 4 | Jullundur ... | 1·47 | Fodder insufficient. | Do. | Rabi harvest good. | ... |
| 5 | Ferozepore ... | 0·57 in Zira. 1·06 in Muktsar. | Fodder sufficient, | Do. | ... | Slight damage to young crops from severe dust storms. |
| 6 | Amritsar ... | Average rain of District 1·14 | Sufficient. | Do. | Threshing of crops nearly completed. | Sugarcane and cotton in good condition. No complaint against canal working. |
| 7 | Siálkot ... | ... | ... | Do. | Crops almost threshed. | ... |
| 8 | Lahore ... | 0·68 at Chunian. 0·63 at Kasur. 0·45 at Sharkpur. 0·49 at Lahore. | Dry fodder sufficient. | Do. | Harvesting of Rabi crops is almost all finished. Crops turned out much better than was expected from their appearance; on báráni lands poor or none. | Sowing of kharif crops in progress. There was a severe storm on the 8th from which fruit trees have suffered. |
| 9 | Mooltan ... | 0·3 at Kabirwala. | Fodder insufficient in Rawa and on Sidhnai lands. | About stationary. | Rabi crops being harvested. | Canals flowing except Sidhnai. |
| 10 | Ráwalpindi ... | 0·52 in Gujar Khan. | Sufficient. | Rising. | Rabi being cleaned; produce below average. Opium produce average. | ... |
| 11 | Shahpur ... | Rainfall occurred in parts of the district. | Fodder scarce. | Stationary. | ... | Jowar and moth being sown. |
| 12 | D. I. Khan ... | 0·03 | Average. | Do. | ... | Extra rabi and cotton crops in fair condition. |
| 13 | Pesháwar ... | ... | Sufficient. | Do. | Threshing of rabi crops in progress. | Prospects of kharif crop average. |

*GENERAL REMARKS.*

No rain in Hissar, Delhi, Siálkot and Pesháwar. Slight rain fell in Mooltan and Dera Ismail Khan; in other Districts the fall was good and general. Prices stationary in all Districts except Ráwalpindi where they are rising. Harvesting and threshing nearly completed. Rabi outturn good in Jullundur, and fair in Lahore; below average elsewhere. Prospects of kharif crops good in Amritsar; fair at Dera Ismail Khan and average at Peshawar. Slight damage to young crops at Ferozepore and to fruit trees at Lahore by severe dust storms. Fodder scarce at Hissar, Delhi, Umballa and Shahpur; insufficient at Mooltan and Jullundur; average at Dera Ismail Khan and sufficient elsewhere. Opium produce average in Ráwalpindi.

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# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T*=Thunder.
R=Slight rain, not measured.
D=Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | *Week ending 18th May 1890.* | | | | | | | Total. | Special Remarks. |
| | | | Monday 12th. | Tuesday 13th. | Wednesday 14th. | Thursday 15th. | Friday 16th. | Saturday 17th. | Sunday 18th. | | |
| Delhi. | Sonepat ... | 16th April ... | ... | ... | ... | ... | ... | ... | 1·40 | 1·40 | |
| Rawalpindi. | Pindigheb ... | 29th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | 24th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 25th May 1890.* | | | | | | | | |
| | | | Monday 19th. | Tuesday 20th. | Wednesday 21st. | Thursday 22nd. | Friday 23rd. | Saturday 24th. | Sunday 25th. | | |
| Simla. | Kilba *s* | 17th May ... | R. | R.T. | ... | ... | ... | R. | ... | ... | |
| Gujranwala. | Shekhupura ... | 25th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 1st JUNE 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Months of May and June* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 26th. | Tuesday 27th. | Wednesday 28th. | Thursday 29th. | Friday 30th. | Saturday 31st. | Sunday 1st. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 22nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar s | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 17th May | ... | ... | ... | 0·07 | ... | ... | ... | 0·07 | |
| | Budhláda | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 19th Do. | ... | ... | ... | ... | 0·12 | ... | ... | 0·12 | |
| | Jhajjar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 18th May | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Játusána | 20th March | — | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Nuh | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Fírozpur | 19th March | ... | ... | ... | ... | R. | R. | 0·12 | 0·12 | |
| | Hodal | 30th August | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Hattín | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th March | ... | ... | ... | ... | R. | R. | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Gurgaon s | 18th May | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Punahána | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 27th April | ... | 0·05 | ... | 0·30 | ... | ... | ... | 0·35 | |
| | Mahrauli | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Sadr (Delhi) s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 16th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | 17th Do. | ... | 0·13 | ... | 0·11 | ... | ... | ... | 0·24 | |
| | Rajaund | 22nd Jany. | ... | ... | ... | ... | ... | ... | 1·00 | 1·00 | |
| | Kaithal | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 19th May | ... | ... | ... | 0·28 | ... | ... | 0·08 | 0·36 | |
| | Jagádhri | 18th Do. | ... | ... | ... | 0·03 | ... | ... | ... | 0·03 | |
| | Umballa s | 17th Do. | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Naráingarh | 18th Do. | ... | ... | 0·58 | 0·01 | ... | ... | ... | 0·59 | |
| | Kharar | 29th April | ... | ... | ... | 0·07 | ... | 0·07 | ... | 0·14 | |
| | Rúpar | 30th Do. | ... | ... | 0·24 | ... | ... | ... | ... | 0·24 | |
| | Kotra C | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur C | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki C | 29th April | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Dádupur C | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli s | 1st May | ... | 0·07 | 0·35 | ... | ... | ... | ... | 0·42 | |
| | Barauli | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Simla s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Kot Khái | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Kilba s | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| Kangra. | Plách | 20th May | ... | 0·02 | 0·81 | ... | ... | 0·21 | ... | 1·04 | |
| | Kulu s | 25th Do. | ... | ... | ... | 1·18 | ... | ... | ... | 1·18 | |
| | Nagar | 17th Do. | ... | ... | ... | 1·50 | ... | ... | ... | 1·50 | |
| | Pálampur | 20th Do. | ... | 0·09 | 0·05 | 0·35 | ... | 0·05 | ... | 0·54 | |
| | Hamírpur | 21st Do. | ... | ... | 0·62 | 0·84 | ... | ... | ... | 1·46 | |
| | Dera | 19th Do. | ... | 0·13 | ... | 0·26 | ... | ... | ... | 0·39 | |
| | Kángra | Ditto | ... | ... | ... | 0·17 | ... | ... | 0·02 | 0·19 | |
| | Dharmsála s | 21st May | ... | ... | ... | 0·24 | 0·05 | ... | ... | 0·29 | |
| | Núrpur | 20th Do. | ... | ... | 0·01 | 1·75 | ... | ... | ... | 1·76 | |
| Hoshiarpur. | Dasúya | 30th April | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| | Una | 27th Do. | ... | 0·29 | 0·57 | ... | ... | 0·16 | ... | 1·02 | |
| | Garhshankar | Ditto | ... | ... | 0·08 | ... | ... | ... | ... | 0·08 | |
| | Sadr Station | 18th May | ... | 0·06 | 0·31 | ... | ... | R. | ... | 0·37 | |
| | Hoshiárpur | Ditto | ... | 0·20 | 0·30 | ... | ... | ... | ... | 0·50 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Months of May and June 1890.* | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 26th. | Tuesday 27th. | Wednesday 28th. | Thursday 29th. | Friday 30th. | Saturday 31st. | Sunday 1st. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 24th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | 28th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála ... | 29th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon ... | 17th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga ... | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | 17th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore ... | 25th April ... | ... | ... | D. | D. | D. | D. R. | ... | ... | |
| | Ferozepore city ... | 26th Do. ... | ... | ... | D. | D. | D. | D. R. | ... | ... | |
| | Muktsar ... | 16th Feby. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Mooltan. | Mailsi ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 4th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang *s* | 19th Do. ... | ... | ... | R. | ... | ... | ... | ... | ... | |
| | Chiniot ... | 21st Do. ... | ... | ... | 0·89 | ... | ... | ... | ... | 0·89 | |
| Montgomery. | Gugera ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* *b* | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 21st May ... | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Pambe *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 25th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 1st May ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Lahore *s* | 30th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* ... | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* *b* | 21st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 21st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar *C* ... | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 17th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* ... | 18th Do. ... | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| | Jandiála *C* ... | 30th April ... | ... | ... | 0·26 | ... | ... | ... | ... | 0·26 | |
| | Jail Hospital *s* | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* ... | 30th April ... | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| | Buggeh *C* ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | 29th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* ... | 30th April ... | ... | ... | 0·05 | ... | ... | ... | ... | 0·05 | |
| | Batála ... | 29th Do. ... | ... | ... | 0·02 | ... | ... | 0·10 | ... | 0·12 | |
| | Kaler *C* ... | 27th Do. ... | ... | ... | 0·21 | ... | ... | ... | ... | 0·21 | |
| | Tibri *C* ... | 30th Do. ... | ... | ... | 0·04 | 0·28 | ... | ... | ... | 0·32 | |
| | Gurdáspur *s* | 18th May ... | ... | ... | 0·53 | ... | ... | ... | ... | 0·53 | |
| | Bhímpur *C* ... | 19th Do. ... | ... | ... | ... | 0·98 | ... | ... | ... | 0·98 | |
| | Pathánkot ... | Ditto ... | 0·22 | ... | 0·50 | ... | ... | ... | ... | 0·72 | |
| | Dalhousie *s* | 20th May ... | ... | ... | 0·74 | ... | ... | ... | ... | 0·74 | |
| | Mádhopur *C* *b* | Ditto ... | ... | ... | 0·20 | 0·15 | ... | ... | ... | 0·35 | |
| | Shakargarh ... | 19th May ... | ... | 0·06 | 0·02 | ... | ... | ... | ... | 0·08 | |
| Sialkot. | Zafarwál ... | 28th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | 2nd May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot *s* | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. Months of May and June 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 26th. | Tuesday 27th. | Wednesday 28th. | Thursday 29th. | Friday 30th. | Saturday 31st. | Sunday 1st. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 21st May | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Gujrát | Ditto | ... | ... | ... | R | ... | ... | ... | ... | |
| | Khárián | Ditto | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Phália | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar | 20th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri s | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad | 18th May | ... | 0·23 | ... | ... | 0·05 | ... | ... | 0·28 | |
| | Meluána C | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | } Statt. not received. |
| | Shahkot C | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | 18th May | ... | ... | ... | ... | 0·15 | ... | ... | 0·15 | |
| | Bhera | 20th Do. | ... | ... | ... | ... | ... | 0·12 | ... | 0·12 | |
| | Miáni | 23rd April | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 18th Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree s | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| HAZARA. | Abbott-abad s | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mansahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| PESHAWAR. | Sawábi | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 6th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | 3rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 7th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát s | 21st May | ... | ... | ... | ... | ... | D.T. 0·13 | D.T. 0·07 | 0·20 | |
| | Hangu | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwali | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 27th Do. | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |

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*Office of Director of Land Records and Agriculture, Punjab.*

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE IN | | | | | | | | | | | | | | | | | |
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 17 | 18 | 24 | 24 | 25 | ... | ... | ... | 9 | 9 | 10 | 21 | 22 | 21 | 20 | 21 | 21 |
| Rohtak ... | 17 | 17 | 18 | 22 | 22 | 28 | ... | ... | ... | 10 | 10 | 11 | 19 | 19 | 25 | 18 | 18 | 22 |
| Gurgaon ... | 18 | 18 | 18 | 22 | 22 | 26 | ... | ... | ... | 10 | 10 | 10 | 20 | 20 | 20 | 18 | 18 | 19 |
| Delhi ... | 17 | 17 | 18 | 21 | 21 | 24 | ... | ... | ... | 12 | 12 | 11 | 18 | 18 | 20 | 17 | 17 | 18 |
| Karnál ... | 18 | 18 | 18 | 24 | 23 | 28 | ... | ... | ... | 11 | 11 | 12 | 20 | 20 | 24 | 18 | 18 | 18 |
| Umballa ... | 19 | 19 | 22 | 23 | 23 | 24 | ... | ... | ... | 11 | 11 | 11 | 22 | 22 | 25 | 20 | 20 | 16 |
| Simla ... | 12 | 13 | 16 | 16 | 17 | 20 | ... | ... | ... | 8 | 8 | 9 | 15 | 15 | 16 | 15 | 16 | 13 |
| Kángra ... | 15 | 14 | 19 | 23 | 23 | 28 | ... | ... | ... | 12 | 11 | 12 | 12 | 12 | 12 | 10 | 10 | 10 |
| Hoshiárpur ... | 19 | 19 | 24 | 32 | 35 | 32 | ... | ... | ... | 10 | 10 | 12 | 18 | 23 | 27 | 20 | 20 | 18 |
| Jullundur ... | 20 | 20 | 23 | 30 | 30 | 32 | ... | ... | ... | 8 | 8 | 8 | 20 | 20 | 28 | 19 | 19 | 22 |
| Ludhiána ... | 20 | 20 | 22 | 27 | 28 | 33 | ... | ... | ... | 12 | 12 | 12 | 24 | 22 | 27 | 22 | 22 | 25 |
| Ferozepore ... | 19 | 19 | 19 | 30 | 32 | 33 | ... | ... | ... | 10 | 10 | 10 | 22 | 23 | 25 | 20 | 20 | 20 |
| Mooltan ... | 16 | 16 | 16 | 27 | 27 | 25 | ... | ... | ... | 12 | 12 | 12 | 23 | 22 | 24 | 22 | 21 | 20 |
| Jhang ... | 18 | 17 | 21 | 24 | 26 | 27 | ... | ... | ... | 9 | 9 | 10 | 18 | 18 | 20 | 19 | 20 | 16 |
| Montgomery ... | 16 | 17 | 19 | 26 | 26 | 26 | ... | ... | ... | 10 | 10 | 10 | ‡ | 20 | 24 | ‡ | ‡ | 15 |
| Lahore ... | 18 | 18 | 19 | 28 | 28 | 31 | ... | ... | ... | 11 | 11 | 9 | 19 | 20 | 26 | 18 | 18 | 18 |
| Amritsar ... | 19 | 19 | 22 | 30 | 31 | 31 | ... | ... | ... | 10 | 10 | 10 | 19 | 19 | 25 | 17 | 17 | 17 |
| Gurdáspur ... | 19 | 19 | 23 | 27 | 27 | 28 | ... | ... | ... | 14 | 14 | 12 | 16 | 16 | 23 | 14 | 14 | 14 |
| Siálkot ... | 17 | 17 | 21 | 30 | 30 | 31 | ... | ... | ... | 10 | 12 | 11 | 20 | 22 | 24 | 22 | 20 | 22 |
| Gujrát ... | 20 | 20 | 22 | 32 | 33 | 35 | ... | ... | ... | 11 | 11 | 10 | 28 | 28 | 25 | 22 | 22 | 22 |
| Gujránwála ... | 18 | 18 | 19 | 28 | 30 | 32 | ... | ... | ... | 11 | 11 | 9 | 17 | 18 | 22 | 18 | 18 | 16 |
| Shahpur ... | 19 | 19 | 24 | 28 | 30 | 38 | ... | ... | ... | 10 | 10 | 10 | 24 | 24 | 26 | 23 | 23 | 28 |
| Jhelum ... | 20 | 17 | 22 | 32 | 31 | 32 | ... | ... | ... | 12 | 13 | 9 | 22 | 22 | 23 | 24 | 24 | 20 |
| Ráwalpindi ... | 19 | 20 | 20 | 37 | 37 | 36 | ... | ... | ... | 9 | 9 | 11 | 32 | 32 | 20 | 28 | 27 | 21 |
| Hazára ... | 20 | 19 | 19 | 40 | 38 | 33 | ... | ... | ... | 11 | 12 | 12 | § | § | § | § | § | § |
| Peshawar ... | 20 | 20 | 21 | 44 | 44 | 34 | ... | ... | ... | 10 | 10 | 10 | 33 | 29 | 26 | 23 | 23 | 15 |
| Kohát ... | 23 | 24 | 22 | 40 | 42 | 50 | ... | ... | ... | 16 | 16 | 11 | 30 | 33 | 30 | 35 | 33 | 16 |
| Bannu ... | 28 | 29 | 28 | 51 | 54 | 37 | ... | ... | ... | 13 | 13 | 10 | 50 | 50 | 16 | 30 | 30 | 18 |
| D. I. Khan ... | 20 | 19 | 21 | 21 | 36 | 37 | ... | ... | ... | 8 | 8 | 8 | 30 | 30 | 24 | 28 | 28 | 24 |
| D. G. Khan ... | 17 | 16 | 18 | 25 | 25 | 25 | ... | ... | ... | 8 | 8 | 8 | 20 | 20 | 25 | 24 | 24 | 23 |
| Muzaffargarh | 16 | 16 | 18 | 25 | 25 | 26 | ... | ... | ... | 15 | 15 | 13 | 19 | 19 | 20 | 19 | 19 | 21 |

‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st MAY 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 25 | 24 | 26 | |
| † | † | † | 16 | 16 | 16 | 22 | 22 | 26 | |
| † | † | † | † | † | † | 21 | 21 | 24 | |
| † | † | † | 13 | 13 | 12 | 21 | 20 | 23 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 22 | 21 | 27 | |
| 20 | 20 | 21 | 8 | 8 | 10 | 23 | 23 | 28 | |
| 18 | 18 | 22 | 10 | 8 | 8 | 15 | 16 | 18 | |
| | | | | | | | | | |
| 20 | 22 | 30 | 6 | 8 | 8 | 18 | 19 | 20 | |
| 13 | 14 | 12 | 16 | 16 | 24 | 22 | 23 | 28 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 23 | 23 | 25 | |
| † | † | † | 20 | 20 | 22 | 25 | 24 | 29 | |
| † | † | ... | 22 | 22 | 16 | 27 | 26 | 27 | |
| | | | | | | | | | |
| † | † | † | 23 | 23 | 24 | 20 | 21 | 21 | |
| 21 | 21 | 18 | 22 | 22 | 16 | 17 | 17 | 17 | |
| § | § | § | 30 | 28 | 28 | 22 | 22 | 22 | |
| § | § | § | 30 | 30 | 20 | 23 | 24 | 27 | |
| † | † | † | 17 | 17 | 23 | 24 | 25 | 26 | |
| † | † | † | 12 | 12 | 16 | 22 | 23 | 23 | |
| | | | | | | | | | |
| § | § | § | 28 | 22 | 20 | 22 | 22 | 26 | |
| † | † | † | 12 | 12 | 12 | 22 | 23 | 25 | |
| § | § | § | 18 | 18 | 16 | 23 | 23 | 26 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 25 | 25 | 30 | |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 22 | 23 | 25 | |
| ‡ | † | ‡ | 16 | 16 | 15 | 24 | 23 | 25 | |
| | | | | | | | | | |
| † | † | † | § | § | 12 | 20 | 20 | 22 | |
| † | † | † | 22 | 21 | 19 | 20 | 19 | 20 | |
| † | † | † | 25 | 25 | 10 | 25 | 29 | 22 | |
| | | | | | | | | | |
| ‡ | 8 | 8 | ‡ | 8 | 8 | 35 | 36 | 30 | |
| § | § | § | 6 | 6 | 6 | 28 | 28 | 25 | |
| § | § | § | § | § | § | 19 | 19 | 18 | |
| § | § | § | § | § | § | 20 | 19 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | |
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 31st May 1890. | | Past fortnight ending 15th May 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 85 | 11 12 | 11 8 | 11 12 | 11 8 | 10 4 | 10 0 |
| Rohtak ... | 18 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 11 0 | 12 0 | 11 0 |
| Gurgaon ... | 20 | 20 | 20 | 24 | 24 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 15 | 20 | 23 | 23 | 25 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 23 | 23 | 80 | 20 | 20 | 20 | 160 | 160 | 160 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 25 | 25 | 35 | 20 | 20 | 19 | 150 | 150 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Simla ... | 16 | 15 | 22 | 10 | 11 | 9 | 65 | 65 | 60 | 9 8 | 9 0 | 9 12 | 9 0 | 9 12 | 9 8 |
| Kángra ... | 18 | 18 | 25 | 12 | 13 | 13 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 25 | 26 | 32 | 16 | 16 | 17 | 90 | 90 | 120 | 13 4 | 13 2 | 13 4 | 13 2 | 13 0 | 13 0 |
| Jullundur ... | 28 | 28 | 34 | ‡ | ‡ | ‡ | 110 | 110 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 25 | 26 | 38 | 13 | 12 | 13 | 110 | 120 | 110 | 13 8 | 13 0 | 13 0 | 12 0 | ... | 13 0 |
| Ferozepore ... | 23 | 23 | 28 | 12 | 12 | 11 | 100 | 100 | 100 | 13 4 | 13 4 | 13 4 | 13 4 | 13 8 | 13 4 |
| Mooltan ... | 22 | 22 | 24 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Jhang ... | 21 | 22 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Montgomery... | ‡ | ‡ | 20 | 12 | 12 | 12 | 220 | 220 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 20 | 20 | 26 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 25 | 25 | 28 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 [illegible] |
| Gurdáspur ... | 21 | 21 | 26 | 10 | 10 | 11 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 [illegible] |
| Siálkot ... | 27 | 27 | 26 | 14 | 14 | 12 | 120 | 120 | 160 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 28 | 28 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 28 | 28 | 20 | § | § | § | 85 | 85 | 100 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 24 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 28 | 22 | 11 | 11 | ‡ | 130 | 130 | 160 | 14 0 | 14 0 | ... | 13 0 | ... | 14 [illegible] |
| Ráwalpindi ... | 31 | 31 | 24 | 25 | 25 | 20 | 85 | 85 | 90 | 13 12 | 13 8 | 13 12 | 13 8 | 13 0 | 13 [illegible] |
| Hazára ... | 32 | 30 | 20 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshávar ... | 37 | 34 | 30 | 29 | 30 | 22 | 106 | 102 | 106 | 43 0 | 41 0 | 42 0 | 41 0 | 40 0 | 39 0 |
| Kohát ... | 38 | 38 | 14 | ‡ | 20 | † | 145 | 145 | 125 | 60 0 | 55 0 | 65 0 | 60 0 | 58 0 | 50 0 |
| Bannu ... | 50 | 46 | 31 | 16 | 14 | 11 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | ‡ | 30 | 17 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 28 0 | 27 0 | 28 0 | 27 0 | 28 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 11 0 | * | 11 0 | * | 13 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st MAY 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 9 0 | 9 0 | 13 0 | 6 0 | 7 0 | 6 0 |
| 10 0 | 10 0 | 17 0 | 8 0 | 8 0 | 9 0 |
| 9 0 | 9 0 | 16 0 | 9 0 | 9 0 | 8 0 |
| 7 0 | 7 0 | 9 0 | 7 0 | 7 0 | 7 0 |
| 9 8 | 9 8 | 15 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 14 0 | ‡ | ‡ | 8 0 |
| 5 0 | 6 4 | 7 0 | ... | 2 4 | 2 0 |
| | | | | | |
| 7 0 | 7 0 | 9 0 | 8 0 | 8 0 | 8 0 |
| 7 4 | 6 12 | 14 8 | 7 4 | 7 0 | 8 0 |
| 7 0 | 8 0 | 14 0 | 8 0 | 8 0 | 7 0 |
| 8 0 | 7 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 8 | 13 0 | 8 0 | 8 8 | 8 0 |
| | | | | | |
| 7 0 | 7 0 | 12 0 | 7 0 | 7 0 | 6 4 |
| 8 4 | 8 4 | 11 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 9 0 | 12 0 | 9 0 | 9 0 | 9 0 |
| 7 0 | 8 0 | 12 0 | 8 1 | 8 1 | 7 2 |
| 8 8 | 9 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 9 8 | 9 8 | 16 0 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 10 0 | 9 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 9 8 | 10 0 | 14 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 0 | 12 0 | 7 0 | 7 0 | 8 0 |
| 9 0 | 8 8 | 13 0 | 7 0 | 7 0 | 8 0 |
| 7 8 | 7 8 | 9 4 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 9 0 | 8 0 | 8 8 | § | § | § |
| 7 2 | 7 2 | 8 12 | 8 12 | 8 12 | 6 8 |
| 9 0 | 9 0 | 10 8 | 9 0 | 9 0 | 10 0 |
| | | | | | |
| 11 9 | 11 9 | 15 0 | 8 2 | 8 12 | 8 2 |
| 9 12 | 10 0 | 11 0 | 9 0 | 9 0 | 9 0 |
| 6 9 | 6 9 | 9 0 | 7 8 | 8 8 | 9 0 |
| 8 0 | 8 8 | 11 0 | 8 0 | 8 0 | 8 0 |

§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 121 seers as compared with 121 seers in last fortnight and 123 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Hissar ... | 85 | 120 | 120 |
| Hoshiárpur ... | 120 | 90 | 90 |
| Montgomery ... | 200 | 220 | 220 |
| Siálkot ... | 160 | 120 | 120 |
| Kohát ... | 125 | 145 | 145 |
| D. I. Khan ... | 112 | 125 | 125 |

*Lahori Salt.*—Prices average 12 seers 3 chataks as compared with 12 seers 2 chataks in last fortnight and 12 seers 1 chatak in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C. |
| Umballa ... | 12 0 | 13 0 | 13 0 |
| Hoshiárpur ... | 13 0 | 13 2 | 13 2 |
| Mooltan ... | 12 0 | 13 0 | 13 0 |
| Jhelum ... | 14 0 | 13 0 | 14 0 |

*Kohát Salt.*—Prices average 41 seers as compared with 42 seers in last fortnight and 40 seers in corresponding period of 1889. The following are the chief variations :—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Kohát ... | 50 | 60 | 55 |
| D. I. Khan ... | 44 | 42 | 42 |

*Gur.*—Prices average 8 seers 7 chataks as compared with 8 seers 8 chataks in last fortnight and 12 seers 8 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C. |
| Gurgaon ... | 16 0 | 9 0 | 9 0 |
| Jullundur ... | 14 0 | 8 0 | 8 0 |
| Amritsar ... | 15 0 | 9 0 | 8 8 |
| Siálkot ... | 16 0 | 9 0 | 10 0 |
| Kohát ... | 10 8 | 9 0 | 9 0 |
| Bannu ... | 15 0 | 11 9 | 11 9 |

*Cotton (Unginned).*—Prices average 8 seers as compared with 8 seers 3 chataks in last fortnight and 7 seers 15 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C. |
| Gurgaon ... | 8 0 | 9 0 | 9 0 |
| Jullundur ... | 7 0 | 8 0 | 8 0 |
| Lahore ... | 7 2 | 8 1 | 8 1 |
| Ráwalpindi ... | 8 0 | 10 0 | 10 0 |
| Peshâwar ... | 6 8 | 8 12 | 8 12 |
| D. G. Khan ... | 9 0 | 8 8 | 7 8 |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 19 | 22 | 22 | 25 | ... | ... | ... | 13 | 13 | 12 | 19 | 19 | 21 | 18 | 18 | 19 | † | † | ... |
| Ferozepore ... | 19 | 19 | 20 | 30 | 32 | 33 | ... | ... | ... | 10 | 10 | 10 | 22 | 23 | 25 | 20 | 20 | 20 | † | † | ... |
| Mooltan ... | 16 | 16 | 17 | 27 | 28 | 26 | ... | ... | ... | 13 | 13 | 13 | 23 | 22 | 25 | 22 | 21 | 21 | † | † | ... |
| Lahore ... | 19 | 20 | 19 | 29 | 30 | 32 | ... | ... | ... | 11 | 11 | 10 | 20 | 20 | 27 | 19 | 19 | 20 | § | § | ... |
| Amritsar ... | 20 | 20 | 22 | 31 | 32 | 32 | ... | ... | ... | 11 | 11 | 10 | 20 | 20 | 26 | 18 | 18 | 17 | † | † | ... |
| Peshâwar ... | 21 | 21 | 22 | 46 | 45 | 35 | ... | ... | ... | 11 | 11 | 10 | 34 | 30 | 27 | 24 | 24 | 16 | † | † | ... |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 31st MAY 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st May 1890. | Past fortnight ending 15th May 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 13 | 22 | 21 | 24 | 16 | 16 | 21 | 24 | 24 | 26 | 8 0 | 8 0 | 10 0 | 7 8 | 8 0 | 8 0 | |
| 22 | 22 | 16 | 27 | 27 | 27 | 23 | 23 | 28 | 12 | 12 | 11 | 8 0 | 8 8 | 13 0 | 8 0 | 8 8 | 8 0 | |
| 24 | 24 | 25 | 21 | 22 | 22 | 22 | 22 | 25 | † | † | ... | 7 0 | 7 4 | 13 0 | 7 4 | 7 4 | 6 8 | |
| 31 | 31 | 21 | 24 | 25 | 28 | 21 | 21 | 27 | 13 | 13 | 13 | 8 0 | 8 0 | 13 0 | 8 3 | 8 3 | 7 6 | |
| 18 | 18 | 23 | 25 | 26 | 27 | 26 | 26 | 28 | † | † | ... | 9 0 | 9 8 | 15 8 | 8 0 | 8 0 | 8 0 | |
| 23 | 22 | 20 | 21 | 20 | 21 | 38 | 35 | 31 | 30 | 31 | 23 | 7 5 | 7 5 | 9 2 | 9 1 | 9 0 | 6 12 | |

† Not produced.

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Forty-six thousand four hundred and sixty-one births were registered in the Province during the month of April 1890, giving a birth-rate of 30 per mille of population. Of the total number of births, 24,716 were boys and 21,745 were girls.

The total number of deaths registered from all causes in the Province during the month of April 1890 was 49,905 against 48,361 in the previous month and 34,639 in the corresponding month of the past year; giving an annual death-rate of 32, 30 and 22 per mille of population per annum, respectively. Contrary to ordinary experience the death-rate is higher than March's rate. It is 10 per 1,000 higher than the rate for April 1889, and also 10 per 1,000 higher than the average annual rate of the month of April for the eight years 1881—1888.

There were 7 deaths registered under the head of cholera.

From small-pox 1,214 deaths were registered against 1,063 in the previous month and 745 in the corresponding month of the past year; fevers 35,837 against 33,847 and 23,516; bowel complaints 1,079 against 1,058 and 1,154.

During the month there were 44 deaths registered from suicide against 31 in the past month; wounding 45 against 20; accidents 267 against 226; snake-bite and killed by wild beasts 43 against 12; and from all other causes 11,369 against 12,104 and 8,727 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th June 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the Number of Births registered according to Classes in the several Districts of the Punjab during the month of April 1890.*

| No. | DISTRICTS. | Christians. Boys. | Christians. Girls. | Christians. Total. | Hindus. Boys. | Hindus. Girls. | Hindus. Total. | Muhammadans. Boys. | Muhammadans. Girls. | Muhammadans. Total. | Other Classes. Boys. | Other Classes. Girls. | Other Classes. Total. | Total. Boys. | Total. Girls. | Total. Total. | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | ... | ... | 481 | 377 | 858 | 148 | 137 | 285 | ... | ... | ... | 629 | 514 | 1,143 | 21 |
| 2 | Rohtak ... | ... | ... | ... | 490 | 466 | 956 | 81 | 71 | 152 | ... | ... | ... | 571 | 537 | 1,108 | 24 |
| 3 | Gurgaon ... | ... | ... | ... | 473 | 413 | 886 | 251 | 220 | 471 | ... | ... | ... | 724 | 633 | 1,357 | 26 |
| 4 | Delhi ... | ... | ... | ... | 546 | 501 | 1,047 | 214 | 208 | 422 | ... | ... | ... | 760 | 709 | 1,469 | 28 |
| 5 | Karnál ... | ... | ... | ... | 692 | 504 | 1,196 | 221 | 258 | 479 | ... | ... | ... | 913 | 762 | 1,675 | 32 |
| 6 | Umballa ... | ... | ... | ... | 934 | 755 | 1,689 | 373 | 326 | 699 | ... | 1 | 1 | 1,307 | 1,082 | 2,389 | 28 |
| 7 | Simla ... | ... | ... | ... | 17 | 12 | 29 | 6 | 3 | 9 | ... | ... | ... | 23 | 15 | 38 | 11 |
| 8 | Kángra ... | ... | ... | ... | 1,018 | 1,031 | 2,049 | 47 | 50 | 97 | ... | ... | ... | 1,065 | 1,081 | 2,146 | 36 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,035 | 967 | 2,002 | 465 | 457 | 922 | ... | ... | ... | 1,500 | 1,424 | 2,924 | 39 |
| 10 | Jullundur ... | ... | ... | ... | 725 | 702 | 1,427 | 677 | 598 | 1,275 | ... | ... | ... | 1,402 | 1,300 | 2,702 | 42 |
| 11 | Ludhiána ... | ... | 1 | 1 | 493 | 446 | 939 | 341 | 329 | 670 | ... | ... | ... | 834 | 776 | 1,610 | 32 |
| 12 | Ferozepore ... | ... | ... | ... | 487 | 403 | 890 | 584 | 510 | 1,094 | ... | ... | ... | 1,071 | 913 | 1,984 | 32 |
| 13 | Mooltan ... | ... | ... | ... | 78 | 58 | 136 | 519 | 343 | 862 | ... | ... | ... | 597 | 401 | 998 | 22 |
| 14 | Jhang ... | ... | ... | ... | 66 | 51 | 117 | 392 | 299 | 691 | ... | ... | ... | 458 | 350 | 808 | 25 |
| 15 | Montgomery ... | ... | ... | ... | 117 | 119 | 236 | 473 | 416 | 889 | ... | ... | ... | 590 | 535 | 1,125 | 32 |
| 16 | Lahore ... | ... | 1 | 1 | 348 | 337 | 685 | 912 | 812 | 1,724 | 2 | ... | 2 | 1,262 | 1,150 | 2,412 | 32 |
| 17 | Amritsar ... | ... | ... | ... | 609 | 575 | 1,184 | 565 | 537 | 1,102 | ... | ... | ... | 1,174 | 1,112 | 2,286 | 31 |
| 18 | Gurdáspur ... | 1 | ... | 1 | 668 | 595 | 1,263 | 672 | 586 | 1,258 | ... | ... | ... | 1,341 | 1,181 | 2,522 | 37 |
| 19 | Siálkot ... | 4 | 2 | 6 | 422 | 377 | 799 | 1,093 | 1,016 | 2,109 | ... | ... | ... | 1,519 | 1,395 | 2,914 | 35 |
| 20 | Gujrát ... | ... | ... | ... | 96 | 81 | 177 | 941 | 788 | 1,729 | 1 | 1 | 2 | 1,038 | 870 | 1,908 | 34 |
| 21 | Gujránwála ... | ... | ... | ... | 258 | 203 | 461 | 739 | 672 | 1,411 | ... | ... | ... | 997 | 875 | 1,872 | 37 |
| 22 | Shahpur ... | ... | ... | ... | 80 | 51 | 131 | 511 | 421 | 932 | 2 | 1 | 3 | 593 | 478 | 1,066 | 31 |
| 23 | Jhelum ... | ... | ... | ... | 72 | 55 | 127 | 695 | 622 | 1,317 | ... | ... | ... | 767 | 677 | 1,444 | 30 |
| 24 | Ráwalpindi ... | ... | ... | ... | 74 | 77 | 151 | 1,028 | 938 | 1,966 | 2 | 2 | 4 | 1,104 | 1,017 | 2,121 | 31 |
| 25 | Hazára ... | ... | ... | ... | 25 | 19 | 44 | 733 | 655 | 1,388 | ... | ... | ... | 758 | 674 | 1,432 | 43 |
| 26 | Pesháwar ... | ... | ... | ... | 9 | 13 | 22 | 375 | 223 | 598 | 1 | ... | 1 | 385 | 236 | 621 | 13 |
| 27 | Kohát ... | ... | ... | ... | 10 | 9 | 19 | 178 | 160 | 338 | ... | ... | ... | 188 | 169 | 357 | 24 |
| 28 | Bannu ... | ... | ... | ... | 25 | 19 | 44 | 208 | 158 | 366 | ... | ... | ... | 233 | 177 | 410 | 15 |
| 29 | Dera Ismail Khan | ... | ... | ... | 28 | 15 | 43 | 271 | 197 | 468 | ... | ... | ... | 299 | 212 | 511 | 14 |
| 30 | Dera Ghází Khan | ... | ... | ... | 37 | 27 | 64 | 233 | 179 | 412 | 2 | 1 | 3 | 272 | 207 | 479 | 16 |
| 31 | Muzaffargarh ... | ... | ... | ... | 33 | 30 | 63 | 309 | 255 | 564 | ... | 3 | 3 | 342 | 288 | 630 | 23 |
| | TOTAL ... | 5 | 4 | 9 | 10,446 | 9,288 | 19,734 | 14,255 | 12,444 | 26,699 | 10 | 9 | 19 | 24,716 | 21,745 | 46,461 | 30 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th June* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 17th MAY 1890.

| No. | Districts. | Towns | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 2 | 5 | 4 | ... | 4 | ... | ... | 2 | ... | ... | 2 | ... | 3 | 3 | 18 | 15 |
| 2 | | Hansi ... | 12,656 | 6 | 1 | 7 | 13 | 6 | 7 | ... | ... | 8 | 1 | ... | 4 | ... | 1 | 1 | 29 | 54 |
| 3 | | Bhiwani ... | 33,762 | 11 | 4 | 15 | 30 | 17 | 13 | ... | 1 | 11 | 1 | ... | 17 | 5 | 3 | 8 | 23 | 46 |
| 4 | | Sirsa ... | 12,292 | 2 | 1 | 3 | 14 | 7 | 7 | ... | ... | 11 | 1 | ... | 2 | 2 | 2 | 4 | 11 | 59 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 5 | 9 | 15 | 6 | 9 | ... | ... | 6 | ... | ... | 9 | 1 | 3 | 4 | 30 | 50 |
| 6 | | Jhajjar ... | 11,650 | 6 | 3 | 9 | 8 | 6 | 2 | ... | ... | 7 | ... | ... | 1 | ... | ... | ... | 40 | 36 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 9 | 5 | 14 | 9 | 5 | 4 | ... | ... | 5 | 2 | .. | 2 | ... | 1 | 1 | 30 | 19 |
| 8 | | Palwal ... | 10,635 | 6 | 5 | 11 | 9 | 4 | 5 | ... | ... | 3 | 2 | ... | 4 | ... | 2 | 2 | 54 | 44 |
| 9 | Delhi ... | Delhi ... | 117,363 | 31 | 35 | 66 | 96 | 47 | 49 | ... | ... | 63 | 7 | 1 | 25 | 10 | 12 | 22 | 29 | 43 |
| 10 | | " Suburbs ... | 52,882 | 8 | 8 | 16 | 28 | 15 | 13 | ... | ... | 25 | 1 | ... | 2 | 3 | 2 | 5 | 16 | 28 |
| 11 | | Sonepat ... | 13,077 | 2 | 5 | 7 | 10 | 6 | 4 | ... | ... | 8 | ... | ... | 2 | 1 | 2 | 3 | 28 | 40 |
| 12 | Karnal ... | Karnal ... | 23,133 | 3 | 5 | 8 | 13 | 5 | 8 | ... | 2 | 4 | 2 | ... | 5 | 1 | 4 | 5 | 18 | 29 |
| 13 | | Kaithal ... | 14,754 | 4 | ... | 4 | 7 | 7 | ... | ... | ... | 3 | 1 | ... | 3 | 1 | ... | 1 | 14 | 25 |
| 14 | | Panipat ... | 26,572 | 8 | ... | 8 | 17 | 8 | 9 | ... | 6 | 5 | 1 | ... | 5 | ... | 2 | 2 | 16 | 33 |
| 15 | Umballa ... | Umballa ... | 26,777 | 9 | 6 | 15 | 13 | 5 | 8 | ... | ... | 7 | ... | ... | 6 | 2 | 4 | 6 | 29 | 25 |
| 16 | | Jagadhri ... | 12,300 | 2 | 4 | 6 | 7 | 3 | 4 | ... | ... | 4 | 1 | ... | 2 | 1 | ... | 1 | 25 | 30 |
| 17 | | Shahabad ... | 10,218 | 2 | 3 | 5 | 13 | 4 | 9 | ... | 6 | 6 | 1 | ... | ... | ... | 2 | 2 | 26 | 66 |
| 18 | | Sadhaura ... | 10,794 | 1 | 1 | 2 | 5 | 3 | 2 | ... | ... | 3 | ... | ... | 2 | ... | 1 | 1 | 10 | ·24 |
| 19 | | Rupar ... | 10,326 | 2 | 2 | 4 | 11 | 5 | 6 | ... | 4 | 5 | ... | ... | 2 | 1 | 1 | 2 | 20 | 56 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 1 | 3 | 4 | 10 | 5 | 5 | ... | ... | 7 | ... | ... | 3 | 1 | 1 | 2 | 16 | 39 |
| 21 | | Tanda and Urmar ... | 10,295 | 1 | 1 | 2 | 6 | 2 | 4 | ... | ... | 5 | ... | ... | 1 | 2 | 2 | 4 | 10 | 30 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 18 | 13 | 31 | 30 | 16 | 14 | ... | ... | 17 | ... | ... | 13 | 1 | 4 | 5 | 52 | 50 |
| 23 | | " Suburbs ... | 11,474 | 4 | 5 | 9 | 15 | 7 | 8 | ... | ... | 8 | 1 | ... | 6 | ... | 1 | 1 | 41 | 68 |
| 24 | | Rahon ... | 11,736 | 4 | 2 | 6 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | ... | 1 | 1 | 27 | 31 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 14 | 12 | 26 | 32 | 17 | 15 | ... | ... | 25 | 1 | ... | 6 | 6 | 5 | 11 | 31 | 38 |
| 26 | | Jagraon ... | 16,873 | 10 | 8 | 18 | 7 | 3 | 4 | ... | ... | 5 | 1 | ... | 1 | 2 | ... | 2 | 56 | 22 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 6 | 13 | 21 | 13 | 8 | ... | ... | 14 | 2 | ... | 5 | 4 | 2 | 6 | 32 | 52 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 10 | 12 | 22 | 19 | 12 | 7 | ... | ... | 5 | 1 | ... | 13 | 5 | 5 | 10 | 36 | 31 |
| 29 | | " Suburbs ... | 25,593 | 1 | 6 | 7 | 18 | 12 | 6 | ... | ... | 7 | 4 | ... | 7 | 4 | 2 | 6 | 14 | 37 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 18 | 18 | 36 | 52 | 25 | 27 | ... | ... | 29 | ... | 1 | 22 | 5 | 3 | 8 | 19 | 28 |
| 33 | | " Suburbs ... | 41,670 | 1 | 3 | 4 | 19 | 15 | 4 | ... | ... | 5 | 2 | ... | 12 | ... | 1 | 1 | 5 | 24 |
| 34 | | Kasur ... | 17,336 | 4 | 4 | 8 | 12 | 5 | 7 | ... | ... | 9 | ... | ... | 3 | 1 | ... | 1 | 24 | 36 |
| 35 | Amritsar ... | Amritsar ... | Returns | not | recei | ved. | | | | | | | | | | | | | | |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 8 | 5 | 13 | 25 | 17 | 8 | ... | ... | 19 | ... | ... | 6 | 1 | 1 | 2 | 28 | 54 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 10 | 8 | 18 | 31 | 16 | 15 | ... | 2 | 11 | 1 | ... | 17 | 3 | 6 | 9 | 28 | 48 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 5 | 10 | 15 | 8 | 7 | ... | 1 | 7 | ... | ... | 7 | 2 | 3 | 5 | 28 | 42 |
| 39 | | Jalalpur ... | 12,839 | 5 | 2 | 7 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | 1 | ... | 1 | 28 | 16 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 10 | 10 | 20 | 15 | 10 | 5 | ... | 2 | 5 | ... | 1 | 7 | 2 | 1 | 3 | 46 | 34 |
| 41 | | Wazirabad ... | 16,462 | 2 | 5 | 7 | 14 | 8 | 6 | ... | ... | 10 | ... | ... | 4 | 4 | 2 | 6 | 22 | 44 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 3 | 10 | 13 | 10 | 6 | 4 | ... | ... | 6 | 1 | ... | 3 | ... | 1 | 1 | 45 | 34 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | ... | 3 | 5 | 5 | ... | ... | ... | 2 | 2 | ... | 1 | 2 | ... | 2 | 9 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 1 | 7 | 7 | 2 | 5 | ... | ... | 6 | ... | ... | 1 | ... | 2 | 2 | 22 | 22 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 9 | 3 | 12 | 19 | 13 | 6 | ... | ... | 8 | 3 | ... | 8 | 1 | 1 | 2 | 23 | 36 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 15 | 7 | 22 | 31 | 17 | 14 | ... | ... | 22 | ... | ... | 9 | 2 | 2 | 4 | 19 | 27 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | 4 | 7 | 5 | 5 | ... | ... | ... | 3 | ... | ... | 2 | 2 | ... | 2 | 27 | 19 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 7 | 2 | 9 | 12 | 6 | 6 | ... | ... | 8 | 3 | ... | 1 | 3 | 2 | 5 | 25 | 33 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 3 | 4 | 7 | 9 | 7 | 2 | ... | ... | 6 | ... | ... | 3 | 1 | 1 | 2 | 19 | 24 |
| Birth and death rate of London for the week ending 26th April 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·9 | 18·5 |
| | | Grand Total ... | 1,143,809 | 301 | 254 | 555 | 772 | 418 | 354 | ... | 24 | 442 | 43 | 3 | 260 | 83 | 94 | 177 | 25 | 35 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | ... ... ... | 12,305 | 1 | 1 | 2 | 8 | 4 | 4 | ... | ... | 5 | ... | 1 | 2 | ... | 1 | 1 | 8 | 34 |
| Dharmsala | ... | ... ... ... | 3,839 | ... | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 14 |
| Dalhousie | ... | ... ... ... | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 60 |
| Murree | ... | ... ... ... | 2,489 | ... | ... | ... | 4 | 3 | 1 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 84 |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 7th June 1890.*

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 17th May 1890.*

*General Results.*—The return is incomplete, the registers for the districts of Jhang, Amritsar and Municipal town of Pakpattan in the Montgomery District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 12,561 against 12,068 in the previous week and 8,738 in the corresponding week of the past year, giving respectively an annual death-rate of 37·3, 35·9 and 26·0 per 1,000 of population. The registered death-rate is 1·4 per 1,000 higher than the rate recorded last week, and is 9·6 per 1,000 higher than the average rate of the corresponding week of the five years 1885—89.

*Cholera.*—There was one death registered under the head of cholera. It occurred in the village of Loh Singhani, Police Station Sohna, District Gurgaon.

*Small-pox.*—From small-pox 323 deaths were registered against 353 in the previous week and 207 in the corresponding week of the past year.

*Fevers.*—From fevers there were 9,414 deaths against 8,900 in the previous week and 6,156 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 294 deaths against 310 and 337.

*Chest disease.*—Five hundred and sixty-six against 572 and 524.

*Snake-bite.*—Five against 5 and 8.

*Hydrophobia.*—Three against 0 and 1.

*All other causes.*—One thousand nine hundred and fifty-five against 1,926 in the previous week and 1,467 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand six hundred and seventy-eight deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,526 were males and 1,152 females.

*Births and Deaths in Municipal Towns.*—In the 46 large Municipal towns 772 deaths were registered (418 males and 354 females), giving a death-rate of 35 per mille of population; 555 births were registered (301 males and 254 females), giving a birth-rate of 25 per mille of population.

LAHORE:
*The 7th June 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY).

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of April* 1890, *as compared with the same month of the previous year.*

| | STAPLES. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 2,213 | 9,947 | ... | 7,734 |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 5,961 | 8,144 | ... | 2,183 |
| | Do., intermediate and half-pressed ... | 412 | 151 | 261 | ... |
| | Do., unpressed ... | 1,136 | 901 | 235 | ... |
| III | Cotton twist and yarn ... | 349 | 175 | 174 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 1,805 | 2,493 | ... | 688 |
| | (2) Indian ... | 722 | 488 | 234 | ... |
| V | Drugs and medicines ... | 49 | 20 | 29 | |
| VI | Dye roots and colours ... | 312 | 458 | ... | 146 |
| VII | Firewood ... | 1,606 | 1,962 | ... | 356 |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 5,362 | 10,273 | ... | 4,911 |
| | (2) Other grains ... | 11,288 | 15,915 | ... | 4,627 |
| IX | Hay and grass ... | 13 | 5 | 8 | ... |
| X | Hides and skins ... | 324 | 485 | ... | 161 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 114 | 125 | ... | 11 |
| | (2) Gunny bags ... | 938 | 1,103 | ... | 165 |
| XII | Leather manufactured ... | 25 | 120 | ... | 95 |
| XIII | Liquors, wines, spirits and beer ... | 296 | 84 | 212 | ... |
| XIV | Machinery ... | 60 | 12 | 48 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 947 | 1,393 | ... | 446 |
| | (2) Brass and Copper ... | 374 | 335 | 39 | ... |
| | (3) Zinc and Spelter ... | 69 | 33 | 36 | ... |
| | (4) Lead ... | 4 | 4 | ... | ... |
| | (5) Others ... | 556 | 188 | 368 | ... |
| XVI | Military Stores ... | 524 | 373 | 151 | ... |
| XVII | Mowra flowers and seeds ... | 131 | 2,394 | ... | 2,263 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 374 | 278 | 96 | ... |
| | (2) Others ... | 206 | 325 | ... | 119 |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 5,382 | 3,489 | 1,893 | ... |
| | (2) Rape seed ... | 4,986 | 16,126 | ... | 11,140 |
| | (3) Other oil seeds ... | 15,406 | 5,619 | 9,787 | ... |
| XX | Opium ... | 230 | 124 | 106 | ... |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 808 | 542 | 266 | ... |
| | (2) Dried Fruits and Nuts ... | 404 | 1,746 | ... | 1,342 |
| | (3) Cocoanuts ... | 496 | 603 | ... | 107 |
| | (4) Oilman stores ... | 175 | 15 | 160 | ... |
| | (5) Fruits, green, and vegetables... | 381 | 1,929 | ... | 1,548 |
| | (6) Others ... | 65 | 430 | ... | 365 |
| XXII | Railway material and rolling stock ... | 17,149 | 7,225 | 9,924 | ... |
| XXIII | Salt ... | 19,255 | 18,991 | 264 | ... |
| XXIV | Saltpetre ... | 847 | 848 | ... | 1 |
| XXV | Silk, raw and manufactured ... | 307 | 31 | 276 | ... |
| XXVI | Spices ... | 269 | 257 | 12 | ... |
| XXVII | Sugar and jagri ... | 16,392 | 16,060 | 332 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 230 | 228 | 2 | ... |
| | (2) Others ... | 2,124 | 1,067 | 1,057 | ... |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 24 | 24 | ... | ... |
| | (2) Indian ... | 11 | 9 | 2 | ... |
| XXX | Timber ... | 2,313 | 2,034 | 279 | ... |
| XXXI | Tobacco ... | 1,863 | 1,528 | 335 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 910 | 901 | 9 | ... |
| | (2) Piece-goods, woollen ... | 66 | 18 | 48 | ... |
| XXXIII | All other articles ... | 8,183 | 7,641 | 542 | ... |
| | Total ... | 1,31,446 | 1,45,669 | 27,185 | 38,408 |
| | *Net* Decrease ... | ... | ... | ... | 11,223 |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 26th May* 1890.

J. W. FORDHAM,
*Acting Chief Auditor and Accountant.*

Punjab Government Press, Lahore—12-6-90—699.

No. 25 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 19, 1890.

## PART I.
## STATISTICAL.

**WEATHER AND CROP REPORT FOR WEEK ENDING 17th JUNE 1890.**

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | Slight rainfall. Rain urgently wanted. | Fodder scarce. | Stationary. | ... | ... |
| 2 | Delhi ... | Rain wanted. | Do. | Fluctuating. | Cotton cultivation progressing. | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Kharif ploughing in progress. | ... |
| 4 | Jullundur ... | Rain wanted. | Fodder insufficient. | Do. | ... | ... |
| 5 | Ferozepore ... | 1·33 in Moga. 1·38 in Zíra. 2·35 at Sadr. 2·45 in City. 0·58 in Muktsar. 0·33 in Fázilka. 0·50 in Nathána. | Fodder sufficient. | Do. | Kharif ploughing commenced. | ... |
| 6 | Amritsar ... | Average rain 0·98. | Fodder sufficient. | Stationary. | Sugarcane and cotton in good condition. No complaint against canal working. | Threshing of crops nearly completed. |
| 7 | Siálkot ... | ... | ... | Do. | The late rain has been beneficial to sugarcane and cotton crops and for kharif ploughings. | ... |
| 8 | Lahore ... | 0·44 at Chunian. 1·24 at Kasur. 1·00 at Sharkpur. | Dry fodder sufficient. | Do. | Watering of sugarcane and cotton crops and sowing of other kharif crops in progress. | Prospects of extra rabi crops good. |
| 9 | Mooltan ... | ... | Fodder insufficient in Rawa and Sidhnai lands. | Do. | Canals flowing. | Rabi crops being harvested. |
| 10 | Ráwalpindi ... | 0·42 at Ráwalpindi. 0·10 at Murree. 0·59 at Kahuta. | Fodder sufficient. | Rising. | Kharif being sown. | ... |
| 11 | Shahpur ... | Rainfall slight. | Fodder scarce. | Stationary. | Jowár and bájra being sown. | ... |
| 12 | D. I. Khan ... | ... | Fodder supply average. | Do. | Cotton crop in fair condition. | Extra rabi crop in fair condition. |
| 13 | Peshâwar ... | Rain much wanted. | Fodder sufficient. | Slightly rising. | Prospects of kharif crops average. | Threshing of rabi crops over. |

*GENERAL REMARKS.*

Good rain fell in Lahore and Ráwalpindi, and slight fall in Hissar and Shahpur. In other districts no rain. Prices fluctuating at Delhi, rising at Ráwalpindi and Pesháwar, elsewhere stationary. Harvesting and threshing nearly over. Prospects of kharif crops good at Amritsar and Lahore; average at Pesháwar and fair at Dera Ismail Khan. Fodder scarce at Hissar, Delhi and Shahpur; insufficient at Jullundur and Mooltan; average at Dera Ismail Khan; elsewhere sufficient.

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—R=Slight rain, not measured.
D=Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 25th May 1890.* | | | | | | | | |
| | | | Monday 19th. | Tuesday 20th. | Wednesday 21st. | Thursday 22nd. | Friday 23rd. | Saturday 24th. | Sunday 25th. | | |
| Ferozepore. | Gobindgarh *C* ... | 19th Augt. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 1st June 1890.* | | | | | | | | |
| | | | Monday 26th | Tuesday 27th. | Wednesday 28th. | Thursday 29th. | Friday 30th. | Saturday 31st. | Sunday 1st. | | |
| Simla. | Kilba *s* | 17th May ... | ... | 0·27 | 0·15 | ... | 0·06 | R. | ... | 0·48 | |
| Gujranwala. | Meluána *C* ... | 30th April ... | ... | ... | 2·30 | ... | ... | ... | ... | 2·30 | |
| | Shahkot *C* ... | 26th Do. ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| D. G. Khan. | Fort Munro *s* | 26th Septr. ... | ... | ... | ... | ... | ... | ... | 0·55 | 0·55 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 8th JUNE 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 2nd. | Tuesday 3rd. | Wednesday 4th. | Thursday 5th. | Friday 6th. | Saturday 7th. | Sunday 8th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 22nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar *s* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Hánsi | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak *s* | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Sámpla | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Firozpur | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 29th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 29th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) *s* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál *s* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 1st June | ... | ... | ... | ... | ... | ... | 0·42 | 0·42 | |
| | Jagádhri | 29th May | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Umballa *s* | 17th Do. | ... | ... | ... | ... | ... | ... | 0·87 | 0·87 | |
| | Naráingarh | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 29th April | ... | ... | ... | R. | ... | ... | R. | ... | |
| | Dádupur *C* | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli *s* | 28th May | ... | ... | ... | ... | ... | ... | 0·72 | 0·72 | |
| | Barauli | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 21st Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Kot Khái | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | 30th May | ... | ... | ... | ... | ... | R. | 0·43 | 0·43 | |
| Kangra. | Plách | 31st May | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Kulu *s* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nagar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pálampur | 31st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hamírpur | 29th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Dera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kángra | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála *s* | 30th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 28th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Sadr Station | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 2nd. | Tuesday 3rd. | Wednesday 4th. | Thursday 5th. | Friday 6th. | Saturday 7th. | Sunday 8th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | 28th Do. | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Phillour | 30th Do. | ... | ... | ... | ... | ... | ... | 0·86 | 0·86 | |
| | Nawashahr | Ditto | ... | ... | ... | ... | ... | ... | 1·03 | 1·03 | |
| Ludhiana. | Samrála | 29th April | ... | ... | ... | ... | ... | ... | 1·27 | 1·27 | |
| | Ludhiána s | Ditto | ... | ... | ... | ... | ... | ... | 0·60 | 0·60 | Thunder-storms and high wind. |
| | Jagraon | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 27th April | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Zíra | 17th May | ... | ... | ... | 0·06 | ... | ... | 0·51 | 0·57 | |
| | Ferozepore | 25th April | D. | ... | ... | D. | D. | ... | D. | ... | |
| | Ferozepore city | 26th Do. | ... | ... | ... | D. | ... | D. | D. | ... | |
| | Muktsar | 16th Feby. | ... | ... | ... | ... | ... | ... | 1·06 | 1·06 | |
| | Fázilka | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | Ditto | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| Jhang. | Shorkot | 4th May | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Jhang s | 19th Do. | R. | ... | 0·03 | ... | ... | ... | ... | 0·03 | |
| | Chiniot | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 19th May | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| | Montgomery s | 23rd March | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Pákpattan | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 26th April | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| Lahore. | Van *C* b | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | 24th March | ... | ... | ... | ... | ... | ... | 0·68 | 0·68 | |
| | Kasúr | 1st June | ... | ... | ... | ... | 0·21 | ... | ... | 0·21 | |
| | Pambe *C* | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 25th April | ... | ... | ... | ... | ... | ... | 0·45 | 0·45 | |
| | Niáz Beg *C* | 27th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 30th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* b | Ditto | ... | ... | ... | ... | ... | ... | D.R. | ... | |
| | Manihála *C* | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* b | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* b | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar *C* | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran | 17th May | ... | ... | ... | ... | ... | ... | 0·70 | 0·70 | |
| | Raya *C* | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 29th April | ... | ... | ... | ... | ... | ... | 1·15 | 1·15 | |
| | Amritsar Sadr | Ditto | ... | ... | ... | ... | ... | ... | 1·15 | 1·15 | |
| | Amritsar *C* | 27th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 29th April | ... | ... | ... | ... | ... | ... | 1·56 | 1·56 | |
| Gurdaspur. | Aliwál *C* | 28th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur s | 28th Do. | ... | ... | ... | ... | ... | ... | 1·15 | 1·15 | |
| | Bhímpur *C* | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | 28th Do. | ... | ... | ... | ... | ... | ... | 2·00 | 2·00 | |
| | Dalhousie s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mádhopur *C* b | 29th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh | 28th Do. | ... | ... | ... | ... | ... | ... | 1·23 | 1·23 | |
| Sialkot. | Zafarwál | 28th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 2nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 2nd. | Tuesday 3rd. | Wednesday 4th. | Thursday 5th. | Friday 6th. | Saturday 7th. | Sunday 8th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | Extra rabi crops good on irrigated lands: those on baráni want rain. |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián | 27th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar | 20th May | ... | ... | ... | ... | ... | ... | 0·78 | 0·78 | The recent rain has benefited the kharíf crops. Wheat threshings have been completed in all but in a few villages in Tahsíl Háfizabad. Health of people good. The recent heavy storms have damaged slightly the vegetable crops. Dry fodder sufficient. Prices stationary. |
| | Wazirabad | Ditto | ... | ... | ... | ... | ... | ... | 2·05 | 2·05 | |
| | Sadr Kacheri s | 18th May | ... | ... | ... | ... | ... | ... | 1·03 | 1·03 | |
| | Shekhupura | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad | 30th May | ... | ... | ... | ... | ... | ... | 0·74 | 0·74 | |
| | Meluána *C* | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 18th Do. | ... | ... | ... | ... | ... | ... | 0·27 | 0·27 | |
| | Núrpur | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 10th Do. | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Sakesar | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | 0·11 | 0·11 | |
| | Shahpur s | 30th May | ... | ... | ... | ... | ... | ... | 0·48 | 0·48 | |
| | Bhera | 31st Do. | ... | ... | ... | ... | ... | ... | 0·33 | 0·33 | |
| | Miáni | 23rd April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 18th Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan | 20th Do. | ... | ... | ... | ... | ... | ... | 0·52 | 0·52 | |
| | Kahúta | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree s | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hazara. | Abbott-abad s | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mansahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Peshawar. | Sawábi | 17th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 6th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | 3rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 7th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát s | 21st May | ... | ... | ... | D.T. | ... | ... | D.T. | ... | |
| | Hangu | 30th April | ... | 0·60 | ... | ... | ... | ... | ... | 0·60 | |
| | Thal | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 30th April | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| Bannu. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | 27th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 19th Do. | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Bhakkar | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghazi Khan s | 25th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 1st June | 0·44 | 0·10 | 0·12 | ... | ... | 0·01 | ... | 0·67 | |
| | Jampur | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |

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## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890.

Explanation :—(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| HISSAR. | Sirsa ... | 2·19 | 1·04 | 0·62 | 0·57 | 0·21 | 0·57 | 0·78 | Rabi harvested. Fodder is scarce; cattle are suffering much from the scarcity of water. Rain urgently wanted for kharif ploughing. |
| | Fatahabad ... | 2·19 | 0·93 | 0·65 | 0·36 | 0·62 | 0·36 | 0·98 | |
| | Barwála ... | 2·28 | 1·02 | 0·71 | 0·63 | 0·53 | 1·06 | 1·59 | |
| | **Hissar** ... | **2·32** | **0·94** | **0·66** | **1·29** | **0·55** | **1 29** | **1·84** | |
| | Hánsi ... | 2·14 | 1·00 | 0·71 | 1·09 | 0·46 | 1·25 | 1·71 | |
| | Bhiwáni ... | 2·27 | 1·12 | 0·80 | 1·04 | 0·54 | 1·04 | 1·58 | |
| | Budhláda ... | ... | ... | ... | ... | 0·59 | ... | 0·59 | |
| | Dhaneta (*c*) ... | ... | ... | ... | 0·34 | 1·21 | 0·34 | 1·55 | |
| ROHTAK. | **Rohtak** ... | **2·70** | **0·92** | **0·64** | **0·40** | **0·65** | **0 65** | **1·30** | Indigo and cotton sowings nearly completed. About an inch of rain in Gohána Tahsil, and ploughings were commenced for kharif sowings. Health of people good. |
| | Gohána ... | 2·86 | 0·99 | 0·67 | 1·22 | 0·65 | 1·78 | 2·43 | |
| | Sámpla ... | 2·71 | 0 93 | 0·65 | 0·68 | ... | 0·68 | 0·68 | |
| | Jhajjar ... | 2·50 | 1·19 | 0·87 | 0·45 | 1·03 | 0·57 | 1·60 | |
| GURGAON. | Farukhnagar ... | ... | ... | ... | 0·30 | 1·43 | 0·30 | 1·73 | Rabi threshing completed; kharif ploughings in progress. Rain is anxiously looked for before the end of the next fortnight. Fodder is very scarce all over the district, especially in Rewári, and the cattle are looking thin and emaciated; the pala crop is poor, and unless rain comes shortly, there will be serious loss of cattle. Health of people is good. |
| | Játusána ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| | Rewári ... | 1·97 | 0·89 | 0·68 | ... | 0·50 | ... | 0·50 | |
| | Shahjahánpur ... | ... | ... | ... | ... | 0 95 | ... | 0·95 | |
| | Tauru ... | ... | ... | ... | ... | 0 15 | ... | 0·15 | |
| | Nuh ... | 2·15 | 0·93 | 0·69 | 0·20 | 0·92 | 0·20 | 1·12 | |
| | Fírozpur ... | 1·26 | 0·88 | 0·68 | ... | 0·70 | ... | 0·70 | |
| | Hodal ... | ... | ... | ... | 0·20 | ... | 0·20 | 0·20 | |
| | Hattin ... | ... | ... | ... | 0·20 | 0·27 | 0·56 | 0·83 | |
| | Palwal ... | 1·86 | 1·01 | 0·76 | ... | 0·40 | ... | 0·40 | |
| | Sohna ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | **Gurgaon** ... | **2·44** | **0·91** | **0·74** | **040** | **1·19** | **0·40** | **1·59** | |
| | Punhana ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| DELHI. | Ballabgarh ... | 2·39 | 0·96 | 0·63 | 0·35 | 1·18 | 0·90 | 2·03 | Rabi harvested; sugarcane cultivation over. Canal was full and irrigation resorted to when necessary. |
| | Mahrauli ... | ... | ... | ... | 0·25 | 0·80 | 0·39 | 1·19 | |
| | **Sadr (Delhi)** ... | **3·01** | **1·03** | **0·65** | **0·24** | **0·82** | **1·14** | **1·96** | |
| | Sonepat ... | 3·10 | 1·03 | 0·72 | 1·40 | 1·03 | 1·45 | 2·48 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890—(continued).

Explanation :—(c). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| KARNAL. | Pánipat ... | 4·22 | 1·20 | 0·79 | 1·50 | 0·86 | 2·00 | 2·86 | Crops average on irrigated area, but bad on unirrigated. Harvesting nearly completed on irrigated areas; outturn average. Health of people good. |
| | Karnal ... | 4·33 | 1·49 | 0 99 | 0·50 | 1·44 | 0·75 | 2·19 | |
| | Rajaund ... | ... | ... | ... | 1·00 | 0·20 | 1·00 | 1·20 | |
| | Kaithal ... | 1·95 | 0·91 | 0·64 | 0·25 | 0·40 | 0·25 | 0·65 | |
| | Gulab ... | ... | ... | ... | 0 59 | 1·33 | 0·89 | 2·22 | |
| UMBALLA. | Piplí ... | 4·29 | 1·20 | 0·74 | 0·78 | 0·65 | 1·28 | 1·93 | Kharif ploughing will commence on falling of rain. Fodder scarce. Health of people good. |
| | Jagádhri ... | 5·86 | 1·82 | 1·18 | 0·05 | 1·70 | 0·08 | 1·78 | |
| | Umballa ... | 5·42 | 1·64 | 0·99 | 0·04 | 1·40 | 1·62 | 3·02 | |
| | Naráingarh ... | 6·37 | 1·93 | 1·27 | 1·07 | 0·99 | 3·25 | 4·24 | |
| | Kharar ... | 5·49 | 1·65 | 1·08 | 0·14 | 2·71 | 1·15 | 3·86 | |
| | Rúpar ... | 5·18 | 1.30 | 0·84 | 0·24 | 2·88 | 1·36 | 4·24 | |
| | Kotra (c) ... | ... | ... | ... | ... | 0·35 | ... | 0·35 | |
| | Jodhpur (c) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki (c) ... | ... | ... | ... | ... | 0·70 | 0·15 | 0·85 | |
| | Dádúpur (c) ... | ... | ... | ... | 0·05 | 0·33 | 0·05 | 0·38 | |
| SIMLA. | Kasauli ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Barauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | ... | ... | ... | ... | ... | ... | ... | |
| KANGRA. | Plách ... | 7·94 | 2·22 | 1·21 | 1·61 | 5·60 | 5·51 | 11·11 | Rabi crops harvested; outturn below the average except in irrigated lands. Kharif crops being sown where there is irrigation. |
| | Kulu ... | 8·90 | 2·52 | 1·30 | 2·45 | 10·71 | 6·18 | 16·89 | |
| | Nagar ... | 24·02 | 9·00 | 4·25 | 1·98 | 9·04 | 5·54 | 14·58 | |
| | Pálampur ... | 14·81 | 4·39 | 2·47 | 1·09 | 10·29 | 3·71 | 14 00 | |
| | Hamírpur ... | 7·86 | 2·26 | 1·33 | 1·47 | 6·97 | 3·09 | 10·06 | |
| | Dera ... | 9·56 | 2·42 | 1·35 | 0·54 | 6·18 | 1·57 | 7·75 | |
| | Kángra ... | 9·76 | 2·82 | 1·65 | 1·81 | 5·05 | 3·95 | 9·00 | |
| | Dharmsala ... | 17·14 | 4·82 | 2·69 | 0·96 | 8·46 | 3·16 | 11·62 | |
| | Núrpur ... | 12·69 | 3·01 | 1·72 | 1·98 | 3·17 | 2·60 | 5·77 | |
| HOSHIARPUR. | Dasúya ... | 6·91 | 1·60 | 0·86 | 0·04 | 2·20 | 0·36 | 2·56 | The rabi crops have been garnered, and extra rabi,—tobacco, melons, &c., are good everywhere. The standing sugarcane and cotton crops require more rain. The health of the people is everywhere good. |
| | Una ... | 6·91 | 1·84 | 1·05 | 1·02 | 2·49 | 1·41 | 3·90 | |
| | Garhshankar ... | 6·40 | 1·56 | 0·89 | 0·08 | 1·53 | 0·40 | 1·93 | |
| | Sadr Station ... | 6 22 | 1·57 | 0·88 | 0·47 | 2 57 | 0·93 | 3 50 | |
| | Hoshiárpur ... | 6·22 | 1·57 | 0·88 | 0·60 | 2·84 | 1·01 | 3·85 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890—(continued).

**Explanation** :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | **4·99** | **1·44** | **0·82** | ... | **1·68** | **0·30** | **1·98** | Good. |
| | Nakodar ... | 5·00 | 1·45 | 0·82 | ... | 1·80 | 0·59 | 2·39 | |
| | Phillour ... | 5·67 | 1·46 | 0·84 | ... | 2·18 | 0·54 | 2·72 | |
| | Nawashahr ... | 5·96 | 1·56 | 0·95 | ... | 1·88 | 0·37 | 2·25 | |
| Ludhiana. | Samrála ... | 5·81 | 1·88 | 1·12 | ... | 1·66 | 0·28 | 1·94 | Extra rabi crops doing well. |
| | **Ludhiana** ... | **6·23** | **2·06** | **1·15** | ... | **2·26** | **0·50** | **2·76** | |
| | Jagraon ... | 4·36 | 1·52 | 0·96 | 0·20 | 0·64 | 0·42 | 1·06 | |
| Ferozepore. | Moga ... | 3·88 | 1·37 | 0·76 | ... | 0·47 | 0·35 | 0·82 | The rabi threshings are completed; the outturn has been fair and better than was at first anticipated. Cotton and chari sowings finished, but the area sown is not so much as in other years. The health of the people is fair. |
| | Zíra ... | 4·37 | 1·52 | 0·82 | 0·04 | 1·02 | 0·75 | 1·77 | |
| | **Ferozepore** ... | **3·82** | **1·22** | **0·62** | ... | **0·91** | **0·30** | **1·21** | |
| | Ferozepore City ... | 3·82 | 1·22 | 0·62 | ... | 0·89 | 0·29 | 1·18 | |
| | Muktsar ... | 2·12 | 0·89 | 0·41 | ... | 0·08 | ... | 0·08 | |
| | Fázilka ... | 2·09 | 1·19 | 0·70 | ... | 0·52 | ... | 0·52 | |
| | Nathána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 4·45 | 0·66 | 0·42 | ... | 0·12 | 0·80 | 0·92 | Condition of crops good. Most of the Chenab canals are running fairly, and the area sown with indigo is likely to be small. |
| | Lodhrán ... | 6·36 | 0·76 | 0·40 | ... | 0·07 | ... | 0·07 | |
| | Shujabad ... | 7·83 | 0·97 | 0·58 | ... | 0·36 | ... | 0·36 | |
| | **Mooltan** ... | **7·05** | **0·80** | **0·45** | ... | **0·50** | ... | **0·50** | |
| | Kabirwala ... | 6·84 | 0·74 | 0·40 | ... | 0·20 | ... | 0·20 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| JHANG. | Shorkot ... | 2·16 | 1·09 | 0·61 | 0·08 | 0·46 | 0·08 | 0·54 | Condition of crops good. Yield of wheat crop good; cotton sowings in progress. Rain wanted. |
| | **Jhang** ... | **2·26** | **0·95** | **0·47** | **0.20** | **0·55** | **0·21** | **0·76** | |
| | Chiniot ... | 2·77 | 1·34 | 0·64 | 1·40 | 1·53 | 1·60 | 3·13 | |
| MONTGOMERY. | Gugera ... | 1·70 | 0·50 | 0·31 | 0·31 | 0·76 | 0·62 | 1·38 | Harvesting nearly completed. The crops in tahsíls Gugera and Dipálpur are fair, in the other tahsíls poor from want of rain. There is a scarcity of fodder. The Ravi is now flowing, but not the canals in the Ravi tahsíls. Those (the Lower Sohág and Khánwah) in the Sutlej tahsíls are flowing. |
| | **Montgomery** ... | **2·20** | **0·68** | **0·43** | ... | **0·50** | ... | **0·50** | |
| | Pákpattan ... | 1·70 | 0·59 | 0·36 | ... | 0·62 | ... | 0·62 | |
| | Dipálpur ... | 1·65 | 0·57 | 0·32 | ... | 0·76 | 0·03 | 0·79 | |
| LAHORE. | Van (*c*) ... | 2·53 | 1·45 | 0·81 | 0·07 | 2·52 | 0·23 | 2·75 | Rabi crops mostly harvested; outturn is generally pronounced good. Extra rabi crops thriving. |
| | Chunián ... | 3·35 | 1·16 | 0·63 | ... | 1·84 | ... | 1·84 | |
| | Kasúr ... | 3·28 | 1·34 | 0·72 | 0·06 | 2·05 | 0·35 | 2·40 | |
| | Pambe (*c*) ... | 2·83 | 1·94 | 1·49 | 0·07 | 0·82 | 0·42 | 1·24 | |
| | Sharakpur ... | 2·61 | 1·03 | 0·58 | ... | 1·27 | 0·60 | 1·87 | |
| | Niáz Beg (*c*) ... | 3·77 | 1·47 | 0·77 | 0·30 | 1·04 | 0·60 | 1·64 | |
| | **Lahore** ... | **4·00** | **1·44** | **0·85** | ... | **1·08** | **1·32** | **2·40** | |
| | Meean Meer (*c*) ... | 4·60 | 2·09 | 1·24 | ... | 1·12 | 1·45 | 2·57 | |
| | Manihála (*c*) ... | 3·60 | 1·33 | 0·79 | ... | 2·17 | 0·38 | 2·55 | |
| | Dafthu (*c*) ... | ... | ... | ... | 0·04 | 1·26 | 0·33 | 1·59 | |
| AMRITSAR. | Buchar (*c*) ... | 2·86 | 1·12 | 0·69 | 0·20 | 1·31 | 0·62 | 1·93 | Harvesting of rabi crops finished. Health of people good. |
| | Khara (*c*) ... | 2·37 | 1·76 | 1·04 | ... | 2·83 | 1·13 | 3·96 | |
| | Tarn Táran ... | 3·89 | 1·29 | 0·75 | 0·17 | 1·43 | 0·95 | 2·38 | |
| | Raya (*c*) ... | 3·73 | 1·11 | 0·63 | 0·35 | 1·55 | 1·03 | 2·58 | |
| | Jandiála (*c*) ... | 3·72 | 0·97 | 0·62 | 0·26 | 1·61 | 1·02 | 2·63 | |
| | Jail Hospital ... | 4·46 | 1·49 | 0·84 | ... | 1·15 | 1·19 | 2·34 | |
| | **Amritsar Tashil** ... | **4·46** | **1·49** | **0·84** | ... | **1·60** | **0·83** | **2·43** | |
| | Amritsar (*c*) ... | ... | ... | ... | 0·05 | 1·24 | 1·20 | 2·44 | |
| | Buggeh (*c*) ... | 2·89 | 1·38 | 0·89 | ... | 1·62 | 0·80 | 2·42 | |
| | Ajnála ... | 3·48 | 1·16 | 0·65 | ... | 1·43 | 0·78 | 2·21 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890 – (continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| Gurdaspur. | Aliwál (*c*) ... | 6·10 | 1·32 | 0·74 | 0·05 | 1·01 | 1·35 | 2·36 | Rabi crops have been reaped. Kharíf crops are being sown. Health of people good. |
| | Batála ... | 5·91 | 1·47 | 0·83 | 0·12 | 1·16 | 0·61 | 1·77 | |
| | Kaler (*c*) ... | 7·49 | 1·62 | 0·97 | 0·21 | 1·84 | 0·41 | 2·25 | |
| | Tibri (*c*) ... | 7·18 | 1·58 | 0·91 | 0·32 | 1·15 | 0·75 | 1·90 | |
| | **Gurdaspur** ... | **6·55** | **1·27** | **0·74** | **0·62** | **2·07** | **1·12** | **3·19** | |
| | Bhimpur (*c*) ... | 9·62 | 2·25 | 1·44 | 1·16 | 2·04 | 2·03 | 4·07 | |
| | Pathánkot ... | 8·59 | 2·30 | 1·38 | 0·88 | 2·78 | 1·49 | 4·27 | |
| | Dalhousie ... | 11·36 | 4·26 | 2·56 | 1·99 | 7·77 | 4·46 | 12·23 | |
| | Mádhopur (*c*) ... | 10·14 | 2·86 | 1·72 | 0·44 | 2·45 | 1·04 | 3·49 | |
| | Shakargarh ... | 8·52 | 2·02 | 1·20 | 0·14 | 2·00 | 0·64 | 2·64 | |
| Sialkot. | Zafarwál ... | 6·62 | 2·65 | 1·08 | ... | 1·40 | 2·25 | 3·65 | The threshing of the rabi crops has almost been completed. As noted last month the outturn of grain where the wheat has come to muturity is much better than was anticipated. The outturn in Daska especially, where almost the whole land is irrigated by wells, is above the average. Sugarcane and cotton promise fairly well. There is considerable scarcity of fodder in the tracts dependent on rain, and in these tracts the cattle are beginning to suffer. |
| | Pasrúr ... | 5·98 | 2·78 | 1·12 | ... | 1·38 | 1·68 | 3·06 | |
| | Raya ... | 3·63 | 1·86 | 0·78 | ... | 1·05 | 0·74 | 1·79 | |
| | Daska ... | 5·29 | 2·23 | 0·85 | 0·20 | 1·69 | 2·00 | 3·69 | |
| | **Sialkot** ... | **6·71** | **2·73** | **1·11** | **0·46** | **2·26** | **2·08** | **4·34** | |
| Gujrat. | **Sadr** ... | **7·20** | **1·91** | **0·64** | **2·27** | **1·51** | **3·17** | **4·68** | Rain during month has improved prospect of kharíf; crops good; threshing of rabi crops nearly finished. |
| | Gujrát ... | 7·20 | 1·91 | 0·64 | 2·27 | 1·43 | 3·16 | 4·59 | |
| | Khárián ... | 7·81 | 2·26 | 0·84 | 1·59 | 1·81 | 2·92 | 4·73 | |
| | Phália ... | 5·39 | 1·72 | 0·59 | 0·50 | 2·23 | 1·05 | 3·28 | |
| Gujranwala. | Rámnagar ... | 4·29 | 2·20 | 1·45 | 1·20 | 1·64 | 1·83 | 3·47 | Rabi crops threshed and being winnowed. The unseasonable rains during the month did some damage to the crops on the ground, especially in the Wazírabad Tahsíl where the fall was large; and the dust storms which prevailed during the latter half of the month did much injury to the straw and protracted harvest operations. The outturn on well lands was surprisingly good and the quality excellent. Sailaba and baráni crops were much below the average. Fodder is scarce and must continue so till the rains, as the outturn of bhúsa was poor. Kharíf sowing of cotton and sugarcane completed. A very large area has been sown on the Chenab Canal which works successfully. |
| | Wazirabad ... | 5·55 | 1·74 | 0·84 | 1·36 | 1·40 | 2·16 | 3·56 | |
| | **Sadr Kacheri** ... | **5·24** | **1·59** | **0·69** | **0·35** | **2·86** | **1·55** | **4·41** | |
| | Shekhupura ... | 2·26 | 0·95 | 0·54 | ... | 0·90 | 0·30 | 1·20 | |
| | Háfizabad ... | 4·07 | 1·34 | 0·67 | 0·49 | 1·35 | 0·49 | 1·84 | |
| | Meluana (*c*) ... | ... | ... | ... | ... | 1·81 | ... | 1·81 | |
| | Shahkot (*c*) ... | ... | ... | ... | ... | 2·23 | 0·60 | 2·83 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | 0·90 | 0·90 | 0·64 | 1·68 | 0·64 | 2·32 | There has been slight rain in some parts of the district. General health good. Prices remain stationary. Most of the rabi crop has been stored; some loss owing to sand storms. Cotton has been planted in nahri lands. Fodder sufficient except in the Thal. Kharíf sowings have been scarce in baráni tracts for want of rain. |
| | Sahiwál ... | 2·74 | 2·55 | 0·80 | 0·77 | 0·81 | 0·98 | 1·79 | |
| | Núrpur ... | 1·23 | 1·80 | 1·75 | 0·50 | 0·73 | 0·50 | 1·23 | |
| | Mitha Tiwána ... | 2·75 | 1·50 | 0·78 | 0·57 | 0·40 | 0·59 | 0·99 | |
| | Sakesar ... | 2·31 | 1·49 | 0·99 | 0·11 | 0·60 | 0·91 | 1·51 | |
| | Naushahra ... | 3·45 | 4·40 | 3·20 | 0·20 | 1·50 | 1·24 | 2·74 | |
| | Khusháb ... | 2·56 | 1·10 | 0·53 | 0·18 | 1·02 | 0·42 | 1·44 | |
| | **Shahpur ...** | **3·58** | **1·23** | **0·61** | **0·33** | **1·03** | **0·86** | **1·89** | |
| | Bhera ... | 3·60 | 1·48 | 0·85 | 0·68 | 0·44 | 1·05 | 1·49 | |
| | Miáni ... | 5·03 | 2·20 | 1·20 | ... | 1·60 | 0·20 | 1·80 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | 1·14 | 0·42 | 0·69 | 1·76 | 1·14 | 2·90 | There has been rainfall in four tahsíls. The rain benefited the extra rabi crop as well as cotton crop. Rabi crops have been gathered; produce average. Locusts have been totally destroyed in Tahsíl Chakwál of which mention was made in April last. |
| | **Sadr Station ...** | **6·03** | **1·64** | **0·63** | **0·74** | **1·69** | **2·85** | **4·54** | |
| | Chakwál ... | 4·13 | 1·44 | 0·56 | 2·03 | 1·81 | 3·24 | 5·05 | |
| | Talagang ... | 4·80 | 1·58 | 0·81 | 1·51 | 1·66 | 2·45 | 4·11 | |
| Rawalpindi. | Pindigheb ... | 5·13 | 2·34 | 0·93 | 0·50 | 2·14 | 2·24 | 4·38 | Rabi being cleaned in all tahsíls except Murree where it is only reaped. Kharíf is being sown. Health of people is good. |
| | Fatahjang ... | 10·10 | 2·95 | 1·40 | ... | 3·83 | 0·70 | 4·53 | |
| | Attock ... | 7·15 | 3·80 | 0·70 | 0·20 | 1·90 | 1·80 | 3·70 | |
| | **Rawalpindi ...** | **8·56** | **3·68** | **1·34** | **1·57** | **4·07** | **3·21** | **7·28** | |
| | Gujar Khan ... | 10·17 | 3·70 | 1·90 | 1·55 | 4·55 | 4·15 | 8·70 | |
| | Kahúta ... | 12·04 | 4·05 | 2·40 | 0·38 | 2·94 | 1·84 | 4·78 | |
| | Murree ... | 12·85 | 7·22 | 3·00 | 0·80 | 3·40 | 4·50 | 7·90 | |
| Hazara. | **Abbott-abad ...** | **15·31** | **6·32** | **3·03** | **0·73** | **6·81** | **4·99** | **11·80** | Rabi crops mostly reaped. Rain wanted for kharíf sowings which so far do not promise average crops, but all depends on later rainfall for which sowings are delayed. Health of people and of cattle good, both suffering generally from scarcity of drinking water in tanks, wells and springs, and both have to go longer distances owing to the smaller sources of drinking water having dried up. Cattle suffering from want of pasturage consequent on the general drought. |
| | Mansáhra ... | 12·76 | 5·35 | 2·50 | 0·79 | 6·59 | 5·96 | 12·55 | |
| | Haripur ... | 10·95 | 4·45 | 2·10 | 0·50 | 3·60 | 1·43 | 5·03 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| PESHAWAR. | Sawábi ... | 6·86 | 3·64 | 1·08 | 0·17 | 5·43 | 1·58 | 7·01 | The outturn of rabi crops on irrigated lands is good in all the tracts except in Tuppas Muhammad and Khalíl of the Peshávar Tahsíl, where it is inferior; that on unirrigated lands is bad, except in the Utmán Bolak Tahsíl where it is reported to be good.<br>Kharif sowings are in progress throughout the district.<br>The Náib-Tahsíldár of Peshávar is specially deputed to destroy locusts in the British villages bordering on the Afrídi hills. They are now extinct in other parts of the district. Fodder sufficient. |
| | Lahore (Utmán Bolak) | 8·95 | 3·83 | 0·98 | 0·16 | 1·90 | 1·30 | 3·20 | |
| | Naushahra ... | 7·40 | 3·79 | 1·13 | 0·14 | 3·93 | 1·40 | 5·33 | |
| | Mardán ... | 9·48 | 4·33 | 1·19 | 0·05 | 3·72 | 1·83 | 5·55 | |
| | Katlang ... | 7·43 | 3·51 | 1·05 | ... | 4·07 | 1·30 | 5·37 | |
| | Hashtnagar ... | 6·00 | 2·75 | 0·74 | 0·10 | 1·53 | 1·23 | 2·76 | |
| | Doáb Daudzai ... | 6·92 | 3·18 | 0·83 | 0·43 | 2·00 | 1·23 | 3·23 | |
| | **Peshawar ...** | **5·82** | **2·34** | **0·57** | **0·32** | **1·66** | **2·41** | **4·07** | |
| KOHAT. | **Kohat ...** | **6·48** | **2·74** | **1·22** | **1·65** | **3·38** | **4·41** | **7·79** | Rabi crops have almost been harvested, and the produce is reported to have been about the average on irrigated lands and much below average on the unirrigated lands. Extra rabi crops, such as tobacco, melons, &c., are in good condition. Hail which fell on 2nd and 20th May 1890 has done much damage in some villages.<br>Locusts which passed through the district in the month of April also deposited eggs in some villages which though search was made were not discovered till the young locusts appeared in large swarms; about 1,000 maunds of them have been destroyed and it is reported that none are left.<br>Early kharif crops, such as rice, bájra, moth and cotton, have been or are being sown. There is sufficient water in the Toi and other springs. |
| | Hangu ... | ... | ... | ... | ... | 2·70 | 1·50 | 4·20 | |
| | Thal ... | ... | ... | ... | 0·30 | 2·00 | 3·98 | 5·98 | |
| | Karak ... | ... | ... | ... | ... | 2·46 | 3·40 | 5·86 | |
| BANNU. | Miánwáli ... | 2·95 | 2·34 | 0·86 | ... | 0·38 | ... | 0·38 | Kharif crop good; rain wanted; rate of wheat is from 26 to 30 seers; channel working good. |
| | Isa Khel ... | 3·13 | 2·05 | 0·79 | ... | 2·18 | 0·48 | 3·66 | |
| | **Bannu ...** | **3·79** | **2·06** | **0·69** | ... | **2·27** | **1·76** | **4·03** | |
| | Marwat ... | 4·72 | 2·84 | 1·11 | ... | 3·98 | 0·79 | 4·77 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st May. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st May 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·45 | 2·50 | 1·15 | 0·71 | 0·97 | 2·29 | 3·26 | Extra rabi and cotton crop in good condition. Fodder-supply, average. Prices stationary. |
| | Kuláchi ... | 2·26 | 1·21 | 0·47 | 1·05 | 0·98 | 1·25 | 2·23 | |
| | **Dera I. Khan** ... | **2·52** | **1·13** | **0·36** | **0·39** | **0·52** | **0·58** | **2·10** | |
| | Bhakkar ... | 2·98 | 1·14 | 0·49 | 0·49 | 0·65 | 0·49 | 1·14 | |
| | Leiah ... | 1·74 | 1·03 | 0·38 | 0·04 | 0·01 | 0·26 | 0·27 | |
| D. G. Khan. | Sangarh ... | 1·42 | 0·66 | 0·36 | 0·53 | 0·30 | 0·69 | 0·99 | Kharíf sowings commenced. Health of people good. Canals are working. |
| | **Dera G. Khan** ... | **1·36** | **0·76** | **0·41** | ... | **0·46** | **0·20** | **0·66** | |
| | Fort Munro ... | 0·92 | 1·45 | 0·75 | ... | ... | ... | ... | |
| | Jámpur ... | 1·88 | 0·73 | 0·45 | ... | 0·69 | 0·14 | 0·83 | |
| | Rájanpur ... | 3·24 | 0·56 | 0·38 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 2·30 | 1·24 | 0·61 | ... | 0·10 | ... | 0·10 | Produce of rabi harvest good. Kharíf being sown. Indigo being sown. All the canals are working, and supply of water sufficient. |
| | **Muzaffargarh** ... | **1·37** | **0·65** | **0·32** | ... | **0·61** | **0·23** | **0·84** | |
| | Sinánwán ... | 1·28 | 0·69 | 0·41 | ... | 1·19 | ... | 1·19 | |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

### Memo. of Errors in the Agricultural Prospect Report for the month of April 1890.

Against *Gurgaon* (*Gurgaon District*)—in Columns 7 and 9 *for* 0·19 *read* "1·19" respectively.

Against *Lahore* (*Lahore District*)—in Column 9 *for* 1·40 *read* "2·40."

Against *Zafarwál* (*Siálkot District*)—in Columns 7 and 9 insert 1·40 and 3·65 instead of 2·26 and 4·51 respectively.

Against *Pasrúr* (*Siálkot District*)—in Columns 7 and 9 insert 1·38 and 3·06 instead of 1·51 and 3·19 respectively.

Against *Raya* (*Siálkot District*)—in Columns 7 and 9 insert 1·05 and 1·79 instead of 1·43 and 2·17 respectively.

Against *Daska* (*Siálkot District*)—in Columns 7 and 9 insert 1·69 and 3·49 instead of 1·81 and 3·49 respectively.

Against *Siálkot* (*Siálkot District*)—in Columns 7 and 9 insert 2·26 and 3·88 instead of 2·23 and 3·88 respectively.

Against *Kohát* (*Kohát District*)—in Column 9 *for* 6·4 *read* "6·14."

Against *Jandiala* (*Amritsar District*)—in Columns 8 and 9 insert 0·76 and 2·37 instead of 0·62 and 2·23 respectively.

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 24th MAY 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 2 | 5 | 17 | 10 | 7 | ... | ... | 7 | 1 | ... | 9 | 2 | ... | 2 | 18 | 63 |
| 2 | | Hansi ... | 12,656 | 9 | 4 | 13 | 14 | 6 | 8 | ... | ... | 14 | ... | ... | ... | 4 | 3 | 7 | 54 | 58 |
| 3 | | Bhiwani ... | 33,762 | 10 | 6 | 16 | 19 | 6 | 13 | ... | ... | 5 | 2 | ... | 12 | 2 | 5 | 7 | 25 | 29 |
| 4 | | Sirsa ... | 12,292 | 5 | ... | 5 | 8 | 4 | 4 | ... | ... | 4 | 1 | ... | 3 | 1 | 1 | 2 | 21 | 34 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 5 | 4 | 9 | 15 | 9 | 6 | ... | 1 | 6 | 3 | ... | 5 | 2 | 1 | 3 | 30 | 50 |
| 6 | | Jhajjar ... | 11,650 | 7 | 2 | 9 | 6 | 3 | 3 | ... | ... | 3 | ... | ... | 3 | 1 | ... | 1 | 40 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 8 | 8 | 16 | 5 | 5 | ... | ... | ... | 3 | 1 | ... | 1 | 1 | ... | 1 | 34 | 11 |
| 8 | | Palwal ... | 10,635 | ... | 1 | 1 | 7 | 5 | 2 | ... | ... | 4 | 1 | ... | 2 | 2 | 1 | 3 | 5 | 34 |
| 9 | Delhi ... | Delhi ... | 117,363 | 44 | 27 | 71 | 87 | 48 | 39 | ... | 1 | 48 | 8 | ... | 30 | 11 | 7 | 18 | 32 | 39 |
| 10 | | " Suburbs ... | 52,882 | 13 | 10 | 23 | 20 | 11 | 9 | ... | ... | 17 | ... | ... | 3 | 3 | 1 | 4 | 23 | 20 |
| 11 | | Sonepat ... | 13,077 | 6 | 7 | 13 | 16 | 5 | 11 | ... | ... | 14 | ... | ... | 2 | ... | 1 | 1 | 52 | 64 |
| 12 | Karnal ... | Karnal ... | 23,133 | 6 | 2 | 8 | 21 | 16 | 5 | ... | 7 | 6 | 1 | ... | 7 | 4 | ... | 4 | 18 | 47 |
| 13 | | Kaithal ... | 14,754 | 5 | 1 | 6 | 9 | 5 | 4 | ... | 1 | 3 | 2 | ... | 3 | 1 | ... | 1 | 21 | 32 |
| 14 | | Panipat ... | 26,572 | 5 | 11 | 16 | 18 | 8 | 10 | ... | 4 | 6 | 1 | ... | 7 | 1 | 3 | 4 | 31 | 35 |
| 15 | Umballa ... | Umballa ... | 26,777 | 7 | 7 | 14 | 20 | 11 | 9 | ... | 1 | 13 | 2 | ... | 4 | 2 | 1 | 3 | 27 | 39 |
| 16 | | Jagadhri ... | 12,300 | 2 | 2 | 4 | 12 | 8 | 4 | ... | 2 | ... | ... | ... | 10 | 3 | 2 | 5 | 17 | 51 |
| 17 | | Shahabad ... | 10,218 | 4 | 1 | 5 | 18 | 9 | 9 | ... | 9 | 9 | ... | ... | ... | 2 | 2 | 4 | 26 | 92 |
| 18 | | Sadhaura ... | 10,794 | 2 | 3 | 5 | 5 | 5 | ... | ... | ... | 4 | ... | ... | 1 | 1 | ... | 1 | 24 | 24 |
| 19 | | Rupar ... | 10,326 | 3 | 4 | 7 | 3 | 2 | 1 | ... | 1 | 2 | ... | ... | ... | 1 | ... | 1 | 35 | 15 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 1 | 1 | 2 | 7 | 5 | 2 | ... | ... | 2 | 1 | ... | 4 | 4 | 1 | 5 | 8 | 28 |
| 21 | | Tanda and Urmar ... | 10,295 | 1 | 2 | 3 | 13 | 5 | 8 | ... | ... | 10 | 1 | ... | 2 | 2 | 1 | 3 | 15 | 66 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 15 | 9 | 24 | 36 | 19 | 17 | ... | ... | 20 | 4 | ... | 12 | 3 | 5 | 8 | 40 | 60 |
| 23 | | " Suburbs ... | 11,474 | 4 | 4 | 8 | 10 | 4 | 6 | ... | ... | 7 | ... | ... | 3 | 1 | 4 | 5 | 36 | 45 |
| 24 | | Rahon ... | 11,736 | 3 | 2 | 5 | 5 | 3 | 2 | ... | ... | 5 | ... | ... | ... | ... | 1 | 1 | 22 | 22 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 13 | 14 | 27 | 24 | 9 | 15 | ... | ... | 18 | ... | ... | 6 | 2 | 1 | 3 | 32 | 28 |
| 26 | | Jagraon ... | 16,873 | 3 | 7 | 10 | 11 | 2 | 9 | ... | ... | 5 | 1 | ... | 5 | 1 | 1 | 2 | 31 | 34 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 3 | 4 | 7 | 18 | 15 | 3 | ... | ... | 12 | 1 | ... | 5 | 4 | 1 | 5 | 17 | 45 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 6 | 6 | 12 | 16 | 10 | 6 | ... | ... | 4 | 5 | ... | 7 | 3 | 1 | 4 | 20 | 26 |
| 29 | | " Suburbs ... | 25,593 | 3 | 5 | 8 | 7 | 6 | 1 | ... | ... | 2 | 1 | 1 | 3 | 1 | ... | 1 | 16 | 14 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 30 | 17 | 47 | 58 | 29 | 29 | ... | ... | 34 | 3 | ... | 21 | 5 | 3 | 8 | 25 | 31 |
| 33 | Lahore ... | ,, Suburbs ... | 41,670 | 4 | 1 | 5 | 18 | 10 | 8 | ... | ... | 16 | 1 | ... | 1 | ... | 1 | 1 | 6 | 23 |
| 34 | Lahore ... | Kasur ... | 17,336 | ... | 2 | 2 | 6 | 3 | 3 | ... | ... | 4 | ... | ... | 2 | 1 | 1 | 2 | 6 | 18 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 37 | 34 | 71 | 93 | 46 | 47 | ... | ... | 48 | 5 | 2 | 38 | 8 | 5 | 13 | 26 | 34 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 5 | 2 | 7 | 22 | 13 | 9 | ... | 1 | 14 | ... | ... | 7 | 3 | 1 | 4 | 15 | 47 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 14 | 9 | 23 | 22 | 12 | 10 | ... | 3 | 10 | ... | ... | 9 | 7 | 2 | 9 | 35 | 34 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 3 | 4 | 7 | 9 | 6 | 3 | ... | ... | 7 | ... | ... | 2 | ... | ... | ... | 19 | 25 |
| 39 | Gujrat ... | Jalalpur ... | 12,839 | 7 | 6 | 13 | 10 | 2 | 8 | ... | ... | 8 | ... | ... | 2 | 1 | 1 | 2 | 53 | 41 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 6 | 11 | 17 | 14 | 8 | 6 | ... | 1 | 5 | ... | ... | 8 | 4 | 1 | 5 | 39 | 32 |
| 41 | Gujranwala... | Wazirabad ... | 16,462 | 5 | 4 | 9 | 12 | 3 | 9 | ... | ... | 9 | ... | ... | 3 | ... | 2 | 2 | 29 | 38 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 1 | 9 | 11 | 5 | 6 | ... | ... | 8 | ... | ... | 3 | 1 | 1 | 2 | 31 | 38 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 1 | 1 | 2 | 4 | 3 | 1 | ... | ... | 4 | ... | ... | ... | ... | 1 | 1 | 6 | 13 |
| 44 | Jhelum ... | Pind Dadan Khan ... | 16,724 | 3 | 2 | 5 | 3 | 2 | 1 | ... | ... | 1 | ... | ... | 2 | 1 | ... | 1 | 16 | 9 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 4 | 10 | 14 | 14 | 10 | 4 | ... | ... | 5 | ... | 1 | 8 | 1 | ... | 1 | 26 | 26 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 13 | 7 | 20 | 24 | 14 | 10 | ... | ... | 12 | 3 | ... | 9 | 4 | 1 | 5 | 13 | 21 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 9 | 13 | 7 | 4 | 3 | ... | ... | 5 | 1 | ... | 1 | ... | 1 | 1 | 50 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | ... | 6 | 11 | 6 | 5 | ... | ... | 8 | ... | ... | 3 | 1 | 1 | 2 | 16 | 30 |
| 49 | D. G. Khan ... | Dera Ghazi Khan ... | 19,687 | 1 | 4 | 5 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | 13 | 11 |
| | Birth and death rate of London for the week ending 3rd May 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·8 | 18·1 |
| | Grand Total ... | | 1,288,025 | 347 | 280 | 627 | 809 | 432 | 377 | ... | 32 | 454 | 50 | 4 | 269 | 102 | 66 | 168 | 25 | 33 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... | 12,305 | 1 | ... | 1 | 8 | 4 | 4 | ... | ... | 7 | ... | ... | 1 | ... | ... | ... | 4 | 34 |
| | Dharmsala ... | ... | 3,839 | 2 | 1 | 3 | 4 | 1 | 3 | ... | ... | 1 | 1 | ... | 2 | 1 | ... | 1 | 41 | 54 |
| | Dalhousie ... | ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... | 2,489 | ... | ... | ... | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... |

**Note.**—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 13th June* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 24th May* 1890.

*General results.*—The return is incomplete, the registers of the district of Jhang for the present and previous weeks, and that of the Municipal town of Pákpattan in the Montgomery District for the past week, not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 12,990 against 13,331 in the previous week and 9,974 in the corresponding week of the past year, giving respectively an annual death-rate of 36·7, 37·7 and 28·2 per 1,000 of population. The registered death-rate is 1·0 per 1,000 less than that of last week, but is 8·7 per 1,000 greater than the average of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 22 deaths registered under the head of cholera against 1 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Gurgaon ... | Rural Circle ... | 5 | |
| Delhi ... | Rural Circles ... | 17 | |
| | Total ... | 22 | |

*Small-pox.*—From small-pox 307 deaths were registered against 336 in the previous week and 228 in the corresponding week of the past year.

*Fevers.*—From fevers there were 9,717 deaths against 9,953 in the previous week and 6,928 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 289 deaths against 304 and 338.

*Chest disease.*—Six hundred and thirteen against 615 and 619.

*Snake-bite.*—Eleven against 5 and 13.

*Hydrophobia.*—Two against 3 and *nil.*

*All other causes.*—Two thousand and twenty-nine against 2,114 in the previous week and 1,771 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand seven hundred and forty-nine deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,529 were males and 1,220 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 809 deaths were registered (432 males and 377 females), giving a death-rate of 33 per mille of population; 627 births were registered (347 males and 280 females), giving a birth-rate of 25 per mille of population. The registered death-rate of the 47 large Municipal towns is 4·2 per 1,000 less than that of the rest of the Province.

LAHORE :
*The* 13*th June* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rajpura Bhutanda Railway during the month of April* 1890, *as compared with the same month of the previous year.* (*Prescribed in P. W. D. Circular No. XVII. R. of 9th July* 1883).

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 679 | 494 | ... | 185 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and coke ... | 1,052 | 3,371 | 2,319 | ... | |
| 3 | Cotton, raw ... | 2,477 | 2,499 | 22 | ... | |
| 4 | Cotton, manufactured ... | 3,743 | 3,431 | ... | 312 | |
| 5 | Drugs and medicines ... | 1,191 | 1,305 | 114 | ... | |
| 6 | Dyeing materials ... | 996 | 1,009 | 13 | ... | |
| 7 | Fibrous products ... | 1,722 | 1,176 | ... | 546 | |
| 8 | Fruits and nuts ... | 819 | 858 | 39 | ... | |
| 9 | Grain and pulses— | | | | | |
| | (*a*) Wheat ... | 17,652 | 10,025 | ... | 7,627 | |
| | (*b*) Gram ... | 2,057 | 1,817 | ... | 240 | |
| | (*c*) Other grain ... | 15,215 | 11,276 | ... | 3,939 | |
| 10 | Hides and horns ... | 909 | 747 | ... | 162 | |
| 11 | Leather and manufactures of leather. | 320 | 209 | ... | 111 | |
| 12 | Liquors ... | 1,207 | 1,323 | 116 | ... | |
| 13 | Metals and manufactures of metals | 2.804 | 2,744 | ... | 60 | |
| 14 | Military stores ... | 1,218 | 1,525 | 307 | ... | |
| 15 | Oils ... | 854 | 1,420 | 566 | ... | |
| 16 | Provision.—Ghee, &c. ... | 1,603 | 1,804 | 201 | ... | |
| 17 | Railway materials ... | 24,933 | 15.319 | ... | 9,614 | |
| 18 | Salt ... | 7,447 | 5,275 | ... | 2,172 | |
| 19 | Saltpetre ... | 10 | 149 | 139 | ... | |
| 20 | Seeds ... | 9,159 | 4,492 | ... | 4,667 | |
| 21 | Silk ... | 28 | 43 | 15 | ... | |
| 22 | Spices ... | 471 | 451 | ... | 20 | |
| 23 | Stone, kunkur, lime and bricks | 5,888 | 29,403 | 23,515 | ... | |
| 24 | Sugar ... | 16,491 | 10,788 | ... | 5,703 | |
| 25 | Tea ... | 173 | 213 | 40 | ... | |
| 26 | Tabacco ... | 429 | 421 | ... | 8 | |
| 27 | Wood— | | | | | |
| | (*a*) Timber ... | 3,068 | 2,019 | ... | 1,049 | |
| | (*b*) Fire-wood ... | 4,975 | 4,460 | ... | 515 | |
| 28 | Wool ... | 467 | 537 | 70 | ... | |
| 29 | All other articles of merchandise | 117 | 5,940 | 5,823 | ... | |
| | | No. | No. | No. | No. | |
| | Total ... { Animals ... | 679 | 494 | ... | 185 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... { Goods ... | 129,495 | 126,049 | ... | 3,446 | |

LAHORE: }
*The 7th June* 1890. }

H. A. FOY,
for *Examiner of Accounts.*

Punjab Government Press, Lahore—19-6-90—690.

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rajpura Bhutanda Railway during the month of April 1890, as compared with the same month of the previous year. (Prescribed in P. W. D. Circular No. XVII. R. of 9th July 1883).*

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 679 | 494 | ... | 185 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and coke ... | 1,052 | 3,371 | 2,319 | ... | |
| 3 | Cotton, raw ... | 2,477 | 2,499 | 22 | ... | |
| 4 | Cotton, manufactured ... | 3,743 | 3,431 | ... | 312 | |
| 5 | Drugs and medicines ... | 1,191 | 1,305 | 114 | ... | |
| 6 | Dyeing materials ... | 996 | 1,009 | 13 | ... | |
| 7 | Fibrous products ... | 1,722 | 1,176 | ... | 546 | |
| 8 | Fruits and nuts ... | 819 | 858 | 39 | ... | |
| 9 | Grain and pulses— | | | | | |
| | (a) Wheat ... | 17,652 | 10,025 | ... | 7,627 | |
| | (b) Gram ... | 2,057 | 1,817 | ... | 240 | |
| | (c) Other grain ... | 15,215 | 11,276 | ... | 3,939 | |
| 10 | Hides and horns ... | 909 | 747 | ... | 162 | |
| 11 | Leather and manufactures of leather. | 320 | 209 | ... | 111 | |
| 12 | Liquors ... | 1,207 | 1,323 | 116 | ... | |
| 13 | Metals and manufactures of metals | 2.804 | 2,744 | ... | 60 | |
| 14 | Military stores ... | 1,218 | 1,525 | 307 | ... | |
| 15 | Oils ... | 854 | 1,420 | 566 | ... | |
| 16 | Provision.—Ghee, &c. ... | 1,603 | 1,804 | 201 | ... | |
| 17 | Railway materials ... | 24,933 | 15,319 | ... | 9,614 | |
| 18 | Salt ... | 7,447 | 5,275 | ... | 2,172 | |
| 19 | Saltpetre ... | 10 | 149 | 139 | ... | |
| 20 | Seeds ... | 9,159 | 4,492 | ... | 4,667 | |
| 21 | Silk ... | 28 | 43 | 15 | ... | |
| 22 | Spices ... | 471 | 451 | ... | 20 | |
| 23 | Stone, kunkur, lime and bricks | 5,888 | 29,403 | 23,515 | ... | |
| 24 | Sugar ... | 16,491 | 10,788 | ... | 5,703 | |
| 25 | Tea ... | 173 | 213 | 40 | ... | |
| 26 | Tabacco ... | 429 | 421 | ... | 8 | |
| 27 | Wood— | | | | | |
| | (a) Timber ... | 3,068 | 2,019 | ... | 1,049 | |
| | (b) Fire-wood ... | 4,975 | 4,460 | ... | 515 | |
| 28 | Wool ... | 467 | 537 | 70 | ... | |
| 29 | All other articles of merchandise | 117 | 5,940 | 5,823 | ... | |
| | | No. | No. | No. | No. | |
| | Total ... Animals ... | 679 | 494 | ... | 185 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... Goods ... | 129,495 | 126,049 | ... | 3,446 | |

LAHORE:
*The 7th June 1890.*

H. A. FOY,
for *Examiner of Accounts.*

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No. 26 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 26, 1890.

## PART I.
## STATISTICAL.

WEATHER AND CROP REPORT FOR WEEK ENDING 24th JUNE 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·75 at Hissar. 0·99 at Hánsi. 1·42 at Fatahabad. 0·21 at Barwála. 2·07 at Sirsa. 0·10 at Budhlada. | Fodder scarce. | Stationary. | Kharif ploughing and sowing commenced. | ... |
| 2 | Delhi ... | 0·92 at Ballabgarh. 0·05 at Sonepat. | Do. | Fluctuating. | Cotton cultivation continues. More rain wanted. | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Kharif sowing commenced. | ... |
| 4 | Jullundur ... | 0·32 | Insufficient. | Do. | ... | ... |
| 5 | Ferozepore ... | 0·15 in Ferozepore City. | Sufficient. | Do. | Kharif ploughing in progress. | ... |
| 6 | Amritsar ... | 0·85 average rain of district. | Do. | Do. | Sugarcane and cotton in good condition. Jowár, chari and mung under cultivation. No complaint against canal working. | Rabi harvested. |
| 7 | Siálkot ... | A little rain except in Raya. | ... | Do. | Kharif sowings continued. | ... |
| 8 | Lahore ... | 0·07 at Kasúr. 0·20 at Sharakpur. | Dry fodder sufficient. | Do. | Kharif sowings on irrigated lands in progress. Cotton and sugarcane promising. | ... |
| 9 | Mooltan ... | 0·22 in Mooltan. | Fodder insufficient in Rawa and on Sidhnai lands. | Falling. | All canals flowing including Sidhnai. | Rabi crops being harvested. |
| 10 | Ráwalpindi ... | 0·40 at Fatahjang. 0·60 at Attock. 0·60 at Ráwalpindi. 0·70 at Murree. | Sufficient. | Rising. | Kharif being sown. | ... |
| 11 | Shahpur ... | ... | Fodder scarce in Thal and Bár. | Stationary. | Jowár, bájra being sown. | ... |
| 12 | D. I. Khan ... | ... | Fodder supply average. | Do. | Cotton crop in fair condition. | Extra rabi crop in fair condition. |
| 13 | Pesháwar ... | ... | Fodder sufficient. | Slightly rising. | Prospects of kharif crop average. Rain much wanted. | Threshing of rabi crops over. |

*GENERAL REMARKS.*

Good rain fell in all districts, except Umballa, Shahpur, Dera Ismail Khan and Pesháwar in which there was no fall. Prices fluctuating at Delhi, falling at Mooltan, rising at Ráwalpindi and Pesháwar, and stationary elsewhere. Kharif sowings commenced. Sugarcane and cotton crops in good condition at Lahore, Amritsar and Dera Ismail Khan. Kharif crop at Pesháwar average. Fodder sufficient at Ferozepore, Amritsar, Lahore, Ráwalpindi and Pesháwar; average at Dera Ismail Khan, and scarce elsewhere.

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—R=Slight rain, not measured.

D=Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Week ending* 18*th May* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | Monday 12th. | Tuesday 13th. | Wednesday 14th. | Thursday 15th. | Friday 16th | Saturday 17th. | Sunday 18th. | TOTAL. | SPECIAL REMARKS. |
| SIMLA. | Baraul ... | 2nd May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | Ditto ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Kot Khai ... | 29th April ... | ... | ... | ... | ... | ... | 0·60 | 0·30 | 0·90 | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | 0·60 | 0·30 | 0·90 | |
| | | | *Week ending* 8*th June* 1890. | | | | | | | | |
| | | | Monday 2nd. | Tuesday 3rd. | Wednesday 4th. | Thursday 5th. | Friday 6th. | Saturday 7th. | Sunday 8th. | | |
| HISSAR. | Dhaneta *C* ... | 18th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| UMBALLA. | Kotra *C* ... | 5th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 15th JUNE 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 9th. | Tuesday 10th. | Wednesday 11th. | Thursday 12th. | Friday 13th. | Saturday 14th. | Sunday 15th. | TOTAL. | SPECIAL REMARKS. |
| HISSAR. | Sirsa *s* | 22nd May | ... | 0·54 | ... | ... | ... | ... | ... | 0·54 | |
| | Fatahabad | Ditto | ... | 0·52 | ... | ... | ... | ... | ... | 0·52 | |
| | Barwála | 18th May | ... | 0·75 | ... | ... | ... | ... | ... | 0·75 | |
| | Hissar *s* | 19th Do. | ... | 0·10 | 0·05 | ... | ... | ... | ... | 0·15 | |
| | Hánsi | 29th Do. | ... | 0·43 | ... | ... | ... | ... | ... | 0·43 | |
| | Bhiwáni | 17th Do. | ... | 0·57 | 0·05 | ... | ... | ... | ... | 0·62 | |
| | Budhláda | 5th March | ... | 1·00 | ... | ... | ... | ... | ... | 1·00 | |
| | Dhaneta *C* | 18th May | ... | 0·24 | ... | ... | ... | ... | ... | 0·24 | |
| ROHTAK. | Rôhtak *s* | 19th May | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Gohána | 18th Do. | ... | 0·37 | ... | ... | ... | ... | ... | 0·37 | |
| | Sámpla | 30th Do. | 0·70 | ... | ... | ... | ... | ... | ... | 0·70 | |
| | Jhajjar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GURGAON. | Farukhnagar | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 18th May | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| | Firozpur | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 29th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 19th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| DELHI. | Ballabgarh | 29th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) *s* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 18th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| KARNAL. | Pánipat | 18th May | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| | Karnál *s* | 29th Do. | 0·75 | 0·64 | ... | ... | ... | ... | ... | 1·39 | |
| | Rajaund | 1st June | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Kaithal | 17th May | 0·90 | ... | ... | ... | ... | ... | ... | 0·90 | |
| | Gulah | Ditto | 0·37 | 0·33 | ... | ... | ... | ... | ... | 0·70 | |
| UMBALLA. | Pipli | 8th June | 0·62 | ... | ... | ... | ... | ... | ... | 0·62 | |
| | Jagádhri | Ditto | 0·04 | ... | ... | ... | ... | ... | ... | 0·04 | |
| | Umballa *s* | Ditto | 0·41 | ... | ... | ... | ... | ... | ... | 0·41 | |
| | Naráingarh | 29th May | 0·95 | 0·65 | ... | ... | ... | ... | ... | 1·60 | |
| | Kharar | 31st Do. | 0·45 | ... | ... | ... | ... | ... | ... | 0·45 | |
| | Rúpar | 28th Do. | 1·02 | ... | ... | ... | ... | ... | ... | 1·02 | |
| | Kotra *C* | 5th March | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Jhodhpur *C* | 29th August | 0·12 | ... | 1·45 | ... | ... | ... | ... | 1·57 | |
| | Raniki *C* | 29th April | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Dádupur *C* | 17th May | 0·40 | 0·40 | ... | ... | ... | ... | ... | 0·80 | |
| SIMLA. | Kasauli *s* | 8th June | 1·10 | ... | ... | ... | ... | ... | ... | 1·10 | |
| | Barauli | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | 8th June | 0·11 | ... | ... | ... | ... | ... | ... | 0·11 | |
| KANGRA. | Plách | 8th June | 0·34 | ... | ... | ... | 0·05 | ... | ... | 0·39 | |
| | Kulu *s* | 29th May | 0·30 | 0·31 | ... | ... | ... | ... | ... | 0·61 | |
| | Nagar | Ditto | 0·30 | 0·37 | ... | ... | ... | ... | ... | 0·67 | |
| | Pálampur | 31st May | 0·47 | 0·30 | ... | 0·06 | ... | ... | ... | 0·83 | |
| | Hamírpur | 29th Do. | 1·94 | 0·42 | ... | ... | ... | ... | ... | 2·36 | |
| | Dera | Ditto | 0·72 | 0·43 | ... | ... | ... | ... | ... | 1·15 | |
| | Kángra | 1st June | 1·73 | 0·39 | ... | ... | ... | ... | ... | 2·12 | |
| | Dharmsála *s* | 30th May | 0·70 | 0·50 | ... | ... | 0·30 | ... | ... | 1·50 | |
| | Nurpur | 29th Do. | 1·34 | 0·14 | ... | ... | ... | ... | ... | 1·48 | |
| HOSHIARPUR. | Dasúya | 28th May | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Una | 31st Do. | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Garhshankar | 28th Do. | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Sadr Station | Ditto | 0·80 | ... | ... | ... | ... | ... | ... | 0·80 | |
| | Hoshiárpur | Ditto | 0·80 | ... | ... | ... | ... | ... | ... | 0·80 | |

| 1 | 2 | | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | FALL OF RAIN ON EACH DAY OF THE WEEK. Month of June 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | | Date of fall last reported. | | Monday 9th. | Tuesday 10th. | Wednesday 11th. | Thursday 12th. | Friday 13th. | Saturday 14th. | Sunday 15th. | TOTAL. | SPECIAL REMARKS. |
| JULLUNDUR. | Jullundur | s | 24th April | ... | 1·10 | 0·37 | ... | ... | ... | ... | ... | 1·47 | |
| | Nakodar | ... | 2nd June | ... | ... | 1·02 | ... | ... | ... | ... | ... | 1·02 | |
| | Phillour | ... | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| LUDHIANA. | Samrála | ... | 8th June | ... | 0·80 | ... | ... | ... | ... | ... | ... | 0·80 | |
| | Ludhiána | s | Ditto | ... | ... | 1·15 | ... | ... | ... | ... | ... | 1·15 | |
| | Jagraon | ... | 17th May | ... | 0·63 | 1·01 | ... | ... | ... | ... | ... | 1·64 | |
| FEROZEPORE. | Moga | ... | 27th April | ... | 0·31 | 1·02 | ... | ... | ... | ... | ... | 1·33 | |
| | Zíra | ... | 8th June | ... | 1·38 | ... | ... | ... | ... | ... | ... | 1·38 | |
| | Ferozepore | ... | 25th April | ... | 0·90 | 1·45 | ... | ... | ... | ... | ... | 2·35 | |
| | Ferozepore city | ... | 26th Do. | ... | 2·45 | ... | ... | ... | ... | ... | ... | 2·45 | |
| | Muktsar | ... | 8th June | ... | 0·58 | ... | ... | ... | ... | ... | ... | 0·58 | |
| | Fázilka | ... | 15th Feby. | ... | 0 33 | ... | ... | ... | ... | ... | ... | 0·33 | |
| | Nathána | ... | 21st August | ... | 0·30 | 0·20 | ... | ... | ... | ... | ... | 0·50 | |
| | Gobindgarh C | ... | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| MOOLTAN. | Mailsi | ... | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | ... | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | ... | 2nd June | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHANG. | Shorkot | ... | 2nd June | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang | s | 4th Do. | ... | 0·30 | R. | ... | ... | ... | ... | ... | 0·30 | |
| | Chiniot | ... | 28th May | ... | 0·07 | 0·28 | ... | ... | ... | ... | ... | 0·35 | |
| MONTGOMERY. | Gugera | ... | 4th June | ... | 0·40 | 0·03 | ... | ... | ... | ... | ... | 0·43 | |
| | Montgomery | s | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | ... | 24th Do. | ... | .. | 0·42 | ... | ... | ... | ... | ... | 0·42 | |
| | Dipálpur | ... | 4th June | ... | 0·06 | 0·04 | ... | ... | ... | ... | ... | 0·10 | |
| LAHORE. | Van C | b | 19th May | ... | 1·62 | 2·20 | ... | ... | ... | ... | ... | 3·82 | |
| | Chunián | ... | 8th June | ... | 0·44 | ... | ... | ... | ... | ... | ... | 0·44 | |
| | Kasúr | ... | 6th Do | ... | 0·42 | 1·24 | ... | ... | ... | ... | ... | 1·66 | |
| | Pambe C | ... | 21st May | ... | 0·23 | 1·70 | ... | ... | ... | ... | ... | 1·93 | |
| | Sharakpur | ... | 8th June | ... | 1·00 | ... | ... | ... | ... | ... | ... | 1·00 | |
| | Niáz Beg C | ... | 27th May | ... | 0·60 | 1·50 | ... | ... | ... | ... | ... | 2·10 | |
| | Lahore | s | 30th April | ... | 0·41 | 1·08 | ... | ... | ... | ... | ... | 1·49 | |
| | Meean Meer C | b | Ditto | ... | 0·60 | 2·40 | ... | ... | ... | ... | ... | 3·00 | |
| | Manihála C | ... | 27th April | ... | 0·82 | 1·20 | ... | ... | ... | ... | ... | 2·02 | |
| | Dafthu C | b | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| AMRITSAR. | Buchar C | b | 21st May | ... | 1·00 | 1·50 | ... | ... | ... | ... | ... | 2·50 | |
| | Khara C | ... | 27th April | ... | 1·04 | 1·80 | ... | ... | ... | ... | ... | 2·84 | |
| | Tarn Táran | ... | 8th June | ... | 1·62 | ... | ... | ... | ... | ... | ... | 1·62 | |
| | Raya C | ... | 28th May | ... | 0·80 | 1·01 | ... | ... | ... | ... | ... | 1·81 | |
| | Jandiála C | ... | Ditto | ... | 0·55 | 1·10 | ... | ... | ... | ... | ... | 1·65 | |
| | Jail Hospital | s | 8th June | ... | 0·75 | ... | ... | ... | ... | ... | ... | 0·75 | |
| | Amritsar Sadr | ... | Ditto | ... | 0·75 | ... | ... | ... | ... | ... | ... | 0·75 | |
| | Amritsar C | ... | 27th May | ... | 1·10 | 0·70 | ... | ... | ... | ... | ... | 1·80 | |
| | Buggeh C | ... | 1st May | ... | 0·96 | 0·70 | ... | ... | ... | ... | ... | 1 66 | |
| | Ajnála | ... | 8th June | ... | 0·80 | ... | ... | ... | ... | ... | ... | 0·80 | |
| GURDASPUR. | Aliwál C | ... | 28th May | ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Batála | ... | 31st Do. | ... | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| | Kaler C | ... | 28th Do. | ... | 1·83 | ... | ... | ... | ... | ... | ... | 1·83 | |
| | Tibri C | ... | 29th Do. | ... | 0·80 | 0·30 | ... | ... | ... | ... | ... | 1·10 | |
| | Gurdaspur | s | 8th June | ... | 0 35 | ... | ... | ... | ... | ... | ... | 0·35 | |
| | Bhímpur C | ... | 29th May | ... | 1·00 | 0·20 | ... | ... | ... | ... | ... | 1·20 | |
| | Patháukot | ... | 8th June | ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Dalhousie | s | 28th May | ... | 1 00 | ... | ... | ... | ... | ... | ... | 1·00 | |
| | Mádhopur C | b | 29th Do. | ... | 0·95 | 0·50 | ... | ... | ... | ... | ... | 1·45 | |
| | Shakargarh | ... | 8th June | ... | 0·61 | ... | ... | ... | ... | ... | ... | 0·61 | |
| SIALKOT. | Zafarwál | ... | 28th April | ... | 1·32 | 0·75 | ... | ... | ... | ... | ... | 2·07 | |
| | Pasrúr | ... | Ditto | ... | 1·00 | 1·11 | ... | ... | ... | ... | ... | 2·11 | |
| | Raya | ... | Ditto | ... | 1·80 | 0 35 | ... | ... | ... | ... | ... | 2·15 | |
| | Daska | ... | 2nd May | ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Siálkot | s | 19th Do. | ... | 1·78 | 0·55 | ... | ... | ... | ... | ... | 2·33 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Month of June 1890.* Monday 9th. | Tuesday 10th. | Wednesday 11th. | Thursday 12th. | Friday 13th. | Saturday 14th. | Sunday 15th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 21st May ... | 1·69 | 0·33 | ... | ... | ... | ... | ... | 2.02 | Kharíf prospects improved from recent rain. Slight damage to wheat on threshing floors in Phália. Fodder sufficient. |
| | Gujrát ... | Ditto ... | 1·70 | 0·33 | ... | ... | ... | ... | ... | 2·03 | |
| | Khárián ... | 27th May ... | 0·52 | 0·03 | ... | ... | ... | ... | ... | 0·55 | |
| | Phália ... | 21st Do. ... | 1·00 | 0·02 | ... | ... | ... | ... | ... | 1·02 | |
| Gujranwala. | Rámnagar ... | 8th June ... | 0·25 | ... | ... | ... | ... | ... | ... | 0·25 | The recent rain has counteracted to some extent the damage caused to cotton crops by the previous heavy dust-storms. Dry fodder sufficient. Prices falling. |
| | Wazirabad ... | Ditto ... | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Sadr Kacheri s | Ditto ... | 0·16 | ... | ... | ... | ... | ... | ... | 0·16 | |
| | Shekhupura ... | 25th April ... | 0·90 | 0·80 | ... | ... | ... | ... | ... | 1·70 | |
| | Háfizabad ... | 8th June ... | 0·84 | ... | ... | ... | ... | ... | ... | 0·84 | |
| | Meluána C ... | 28th May ... | ... | 2·40 | ... | ... | ... | ... | ... | 2·40 | |
| | Shahkot C ... | 26th Do. ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| Shahpur. | Midh s | 19th May ... | 0·50 | 0·57 | ... | ... | ... | ... | ... | 1·07 | |
| | Sahiwál ... | 8th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 1st May ... | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Mitha Tiwána ... | 8th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | Ditto ... | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | |
| | Khushab ... | 8th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 23rd April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 21st May ... | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Sadr Station s | Ditto ... | 0·32 | ... | ... | ... | ... | ... | ... | 0·32 | |
| | Chakwál ... | Ditto ... | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| | Talagang ... | Ditto ... | 0·03 | 0·08 | ... | 0·38 | ... | ... | ... | 0·49 | |
| Rawalpindi. | Pindigheb ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 27th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 18th Do ... | ... | ... | ... | ... | ... | ... | 0·42 | 0·42 | |
| | Gujar Khan ... | 8th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta ... | 17th May ... | ... | 0·59 | ... | ... | ... | ... | ... | 0·59 | |
| | Murree s | 20th Do. ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| Hazara. | Abbott-abad s | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mansahra ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Peshawar. | Sawábi .. | 17th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utmao Bolak) | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 6th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | 3rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 7th Do. ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| Kohat. | Kohát s | 21st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu ... | 3rd June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 2nd June ... | ... | ... | 1·68 | ... | ... | ... | ... | 1·68 | |
| Bannu. | Miánwáli ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 1st June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | 27th April ... | ... | ... | 0·27 | ... | ... | ... | ... | 0·27 | |
| Dera Ismail Khan. | Tánk ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | 1st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 2nd June ... | ... | 0·03 | ... | ... | ... | ... | ... | 0·03 | |
| | Bhakkar ... | 2nd May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan s | 25th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 7th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 24th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantities per Rupee by [the Rupee by …] | | | | | | | | | | | | | | | | | |
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 17 | 19 | 24 | 24 | 27 | ... | ... | ... | 10 | 9 | 10 | 20 | 21 | 22 | 20 | 20 | 20 |
| Rohtak ... | 17 | 17 | 17 | 20 | 22 | 27 | ... | ... | ... | 10 | 10 | 11 | 19 | 19 | 25 | 18 | 18 | 22 |
| Gurgaon ... | 17 | 18 | 17 | 21 | 22 | 24 | ... | ... | ... | 10 | 10 | 11 | 20 | 20 | 20 | 18 | 18 | 19 |
| Delhi ... | 17 | 17 | 17 | 21 | 21 | 23 | ... | ... | ... | 12 | 12 | 11 | 17 | 18 | 20 | 17 | 17 | 17 |
| Karnál ... | 18 | 18 | 17 | 24 | 24 | 26 | ... | ... | ... | 11 | 11 | 11 | 18 | 20 | 24 | 16 | 18 | 18 |
| Umballa ... | 19 | 19 | 20 | 23 | 23 | 26 | ... | ... | ... | 13 | 11 | 10 | 19 | 22 | 21 | 20 | 20 | 16 |
| Simla ... | 12 | 12 | 16 | 16 | 16 | 20 | ... | ... | ... | 8 | 8 | 9 | 13 | 15 | 16 | 13 | 15 | 13 |
| Kángra ... | 16 | 15 | 19 | 23 | 23 | 28 | ... | ... | ... | 11 | 12 | 12 | 12 | 12 | 14 | 10 | 10 | 10 |
| Hoshiárpur ... | 19 | 19 | 23 | 31 | 32 | 36 | ... | ... | ... | 10 | 10 | 12 | 19 | 18 | 27 | 20 | 20 | 18 |
| Jullundur ... | 21 | 20 | 22 | 30 | 30 | 32 | ... | ... | ... | 8 | 8 | 8 | 20 | 20 | 28 | 19 | 19 | 22 |
| Ludhiána ... | 20 | 20 | 22 | 26 | 27 | 32 | ... | ... | ... | 12 | 12 | 11 | 21 | 24 | 27 | 22 | 22 | 25 |
| Ferozepore ... | 20 | 19 | 21 | 30 | 30 | 35 | ... | ... | ... | 10 | 10 | 9 | 21 | 22 | 25 | 20 | 20 | 20 |
| Mooltan ... | 17 | 16 | 16 | 27 | 27 | 24 | ... | ... | ... | 13 | 12 | 12 | 22 | 23 | 24 | 23 | 22 | 20 |
| Jhang ... | 18 | 18 | 21 | 24 | 24 | 28 | ... | ... | ... | 9 | 9 | 10 | 16 | 18 | 20 | 20 | 19 | 16 |
| Montgomery ... | 16 | 16 | 19 | 26 | 26 | 26 | ... | ... | ... | 9 | 10 | 10 | 20 | ‡ | 24 | 16 | ‡ | 15 |
| Lahore ... | 19 | 18 | 19 | 29 | 28 | 32 | ... | ... | ... | 11 | 11 | 9 | 19 | 19 | 24 | 18 | 18 | 17 |
| Amritsar ... | 20 | 19 | 21 | 30 | 30 | 32 | ... | ... | ... | 10 | 10 | 10 | 19 | 19 | 25 | 17 | 17 | 18 |
| Gurdáspur ... | 18 | 19 | 22 | 26 | 27 | 28 | ... | ... | ... | 14 | 14 | 12 | 16 | 16 | 23 | 14 | 14 | 14 |
| Siálkot ... | 17 | 17 | 21 | 29 | 30 | 31 | ... | ... | ... | 12 | 10 | 11 | 20 | 20 | 22 | 20 | 22 | 21 |
| Gujrát ... | 20 | 20 | 22 | 30 | 32 | 33 | ... | ... | ... | 11 | 11 | 10 | 26 | 28 | 25 | 22 | 22 | 21 |
| Gujránwála ... | 18 | 18 | 18 | 26 | 28 | 32 | ... | ... | ... | 12 | 11 | 7 | 17 | 17 | 22 | 14 | 18 | 16 |
| Shahpur ... | 19 | 19 | 25 | 28 | 28 | 38 | ... | ... | ... | 10 | 10 | 10 | 25 | 24 | 24 | 28 | 23 | 27 |
| Jhelum ... | 19 | 20 | 22 | 31 | 32 | 32 | ... | ... | ... | 12 | 12 | 9 | 22 | 22 | 22 | 24 | 24 | 20 |
| Ráwalpindi ... | 19 | 19 | 19 | 36 | 37 | 36 | ... | ... | ... | 9 | 9 | 11 | 32 | 32 | 23 | 28 | 28 | 21 |
| Hazára ... | 21 | 20 | 19 | 39 | 40 | 29 | ... | ... | ... | 12 | 11 | 11 | § | § | § | § | § | 16 |
| Peshávar ... | 20 | 20 | 21 | 40 | 44 | 40 | ... | ... | ... | 11 | 10 | 9 | 29 | 33 | 29 | 24 | 23 | 15 |
| Kohát ... | 21 | 23 | 21 | 33 | 40 | 45 | ... | ... | ... | 16 | 16 | 11 | 30 | 30 | 15 | 33 | 35 | 16 |
| Bannu ... | 27 | 28 | 28 | 49 | 51 | 36 | ... | ... | ... | 13 | 13 | 9 | 40 | 50 | 23 | 30 | 30 | 18 |
| D. I. Khan ... | 21 | 20 | 21 | 36 | 21 | 34 | ... | ... | ... | 8 | 8 | 8 | 28 | 30 | 23 | 28 | 28 | 22 |
| D. G. Khan ... | 17 | 17 | 18 | 24 | 25 | 25 | ... | ... | ... | 8 | 8 | 8 | 25 | 20 | 25 | 24 | 24 | 20 |
| Muzaffargarh | 16 | 16 | 18 | 25 | 25 | 27 | ... | ... | ... | 13 | 15 | 13 | 16 | 19 | 20 | 16 | 19 | 21 |

‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th JUNE 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 25 | 25 | 26 |
| † | † | † | 16 | 16 | 16 | 22 | 22 | 26 |
| † | † | † | † | † | † | 21 | 21 | 23 |
| † | † | † | 13 | 13 | 12 | 21 | 21 | 23 |
| 20 | 20 | 22 | 16 | 16 | 18 | 22 | 22 | 26 |
| 20 | 20 | 20 | 8 | 8 | 10 | 24 | 23 | 27 |
| 18 | 18 | 24 | 10 | 10 | 8 | 14 | 15 | 18 |
| | | | | | | | | |
| 20 | 20 | 25 | § | 6 | ... | 15 | 18 | 21 |
| 13 | 13 | 12 | 16 | 16 | 24 | 22 | 22 | 28 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 23 | 23 | 28 |
| † | † | † | 20 | 20 | 22 | 25 | 25 | 28 |
| † | † | † | 20 | 22 | 16 | 27 | 27 | 28 |
| | | | | | | | | |
| † | † | † | 26 | 23 | 24 | 21 | 20 | 21 |
| 21 | 21 | 20 | 22 | 22 | 22 | 17 | 17 | 18 |
| § | § | § | 30 | 30 | 28 | 21 | 22 | 22 |
| § | § | § | 26 | 30 | 20 | 24 | 23 | 27 |
| † | † | † | 17 | 17 | 28 | 25 | 24 | 27 |
| † | † | † | 12 | 12 | 16 | 22 | 22 | 24 |
| | | | | | | | | |
| § | § | § | 25 | 28 | 19 | 23 | 22 | 27 |
| † | † | † | 12 | 12 | 12 | 22 | 22 | 26 |
| † | § | § | 16 | 18 | 16 | 23 | 23 | 28 |
| 20 | 20 | 20 | 20 | 20 | 20 | 24 | 25 | 30 |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 23 | 22 | 25 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 23 | 24 | 25 |
| | | | | | | | | |
| † | † | † | § | § | 8 | 21 | 20 | 20 |
| † | † | † | 22 | 22 | 23 | 20 | 20 | 28 |
| † | † | § | 33 | 25 | ‡ | 22 | 25 | 22 |
| | | | | | | | | |
| ‡ | ‡ | 8 | 6 | ‡ | 8 | 33 | 35 | 31 |
| § | § | § | 6 | 6 | 6 | 29 | 28 | 26 |
| § | § | § | § | § | § | 21 | 19 | 21 |
| § | § | § | § | § | § | 19 | 20 | 19 |

† Not produced.
‡ Not sold.
§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 19 seers as compared with 19 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 19 | 17 | 17 |
| Hoshiárpur | ... | 23 | 19 | 19 |
| Gurdáspur | ... | 22 | 19 | 18 |
| Shahpur | ... | 25 | 19 | 19 |
| Hazára | ... | 19 | 20 | 21 |
| Muzaffargarh | ... | 18 | 16 | 16 |

*Barley.*—Prices average 29 seers as compared with 29 seers in last fortnight and 31 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 27 | 22 | 20 |
| Ludhiána | ... | 32 | 27 | 26 |
| Jhang | ... | 28 | 24 | 24 |
| Shahpur | ... | 38 | 28 | 28 |
| Kohát | ... | 45 | 40 | 33 |
| Bannu | ... | 36 | 51 | 49 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 10 | 11 | 13 |
| Hoshiárpur | ... | 12 | 10 | 10 |
| Lahore | ... | 9 | 11 | 11 |
| Gujránwála | ... | 7 | 11 | 12 |
| Kohát | ... | 11 | 16 | 16 |
| Bannu | ... | 9 | 13 | 13 |

*Jowár.*—Prices average 22 seers as compared with 22 seers in last fortnight and 23 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 25 | 19 | 19 |
| Jullundur | ... | 28 | 20 | 20 |
| Gurdáspur | ... | 23 | 16 | 16 |
| Ráwalpindi | ... | 23 | 32 | 32 |
| Kohát | ... | 15 | 30 | 30 |
| Bannu | ... | 23 | 50 | 40 |

*Bájra.*—Prices average 20 seers as compared with 21 seers in last fortnight and 19 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 16 | 20 | 20 |
| Jullundur | ... | 22 | 19 | 19 |
| Jhang | ... | 16 | 19 | 20 |
| Ráwalpindi | ... | 21 | 28 | 28 |
| Kohát | ... | 16 | 35 | 33 |
| Bannu | ... | 18 | 30 | 30 |

*Gram.*—Prices average 23 seers as compared with 23 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 26 | 22 | 20 |
| Hoshiárpur | ... | 28 | 22 | 22 |
| Lahore | ... | 27 | 23 | 24 |
| Shahpur | ... | 30 | 25 | 24 |
| Peshávar | ... | 23 | 20 | 20 |
| D. I. Khan | ... | 26 | 28 | 29 |

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 15th June 1890. | | Past fortnight ending 31st May 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 110 | 11 4 | 11 0 | 11 12 | 11 8 | 11 4 | 11 0 |
| Rohtak ... | 16 | 18 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 11 0 | 11 0 | 11 0 |
| Gurgaon ... | 20 | 20 | 20 | 24 | 24 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 15 | 20 | 23 | 23 | 24 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 20 | 23 | 30 | 20 | 20 | 20 | 160 | 160 | 160 | 11 0 | 10 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 24 | 25 | 32 | 20 | 20 | 19 | 160 | 150 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 16 | 16 | 21 | 10 | 10 | 9 | 65 | 65 | 60 | 9 0 | 8 7 | 9 8 | 9 0 | 9 12 | 8 8 |
| Kángra ... | 18 | 18 | 25 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 25 | 25 | 32 | 16 | 16 | 17 | ·115 | 90 | 120 | 13 4 | 13 2 | 13 4 | 13 2 | 13 8 | 13 0 |
| Jullundur ... | 28 | 28 | 32 | ‡ | ‡ | ‡ | 110 | 110 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 25 | 25 | 38 | 14 | 13 | 13 | 110 | 110 | 110 | 13 0 | 12 8 | 13 8 | 13 0 | 13 0 | 13 0 |
| Ferozepore ... | 21 | 23 | 26 | 12 | 12 | 11 | 100 | 100 | 100 | 13 8 | 13 4 | 13 4 | 13 4 | 13 8 | 13 0 |
| Mooltan ... | 22 | 22 | 24 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 | 12 0 |
| Jhang ... | 21 | 21 | 16 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Montgomery... | 18 | ‡ | 20 | 12 | 12 | 12 | 220 | 220 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 20 | 20 | 24 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 25 | 25 | 28 | † | † | † | 90 | 90 | 100 | 13 0 | 12 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gurdáspur ... | 21 | 21 | 26 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 25 | 27 | 25 | 14 | 14 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gujrát ... | 25 | 28 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 27 | 28 | 20 | † | § | § | 85 | 85 | 90 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 24 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 28 | 21 | 11 | 11 | ‡ | 130 | 130 | 160 | 14 0 | 14 0 | 14 0 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 19 | 31 | 24 | 16 | 25 | 20 | 88 | 85 | 90 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 30 | 32 | 22 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 8 |
| Peshávar ... | 33 | 37 | 29 | 29 | 29 | 22 | 106 | 106 | 110 | 42 0 | 40 0 | 43 0 | 41 0 | 42 0 | 40 0 |
| Kohát ... | 33 | 38 | 30 | 25 | ‡ | § | 145 | 145 | 125 | 64 0 | 60 0 | 60 0 | 55 0 | 65 0 | 60 0 |
| Bannu ... | 50 | 50 | 32 | 15 | 16 | 13 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | ‡ | ‡ | 17 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 28 0 | 27 0 | 28 0 | 27 0 | 27 0 | 25 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 11 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th JUNE 1890—concluded.**

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 9 0 | 9 0 | 13 8 | 6 0 | 6 0 | 6 0 |
| 10 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 15 0 | 9 0 | 9 0 | 8 0 |
| 7 0 | 7 0 | 9 0 | 7 0 | 7 0 | 7 0 |
| 9 8 | 9 8 | 15 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | § | ‡ | 8 0 |
| 5 2 | 5 0 | 7 0 | † | † | 2 0 |
| | | | | | |
| 7 0 | 7 0 | 10 0 | 7 0 | 8 0 | 8 0 |
| 7 4 | 7 4 | 14 8 | 7 2 | 7 4 | 8 0 |
| 8 0 | 7 0 | 14 0 | 7 0 | 8 0 | 7 0 |
| 8 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 13 0 | 7 8 | 8 0 | 8 0 |
| | | | | | |
| 8 12 | 7 0 | 10 0 | 7 0 | 7 0 | 6 0 |
| 8 8 | 8 4 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 4 | 8 8 | 12 0 | 9 0 | 9 0 | 9 0 |
| 7 0 | 7 0 | 12 0 | 8 1 | 8 1 | 7 2 |
| 8 0 | 8 8 | 14 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 9 8 | 15 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 10 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 8 | 13 8 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 8 | 12 0 | 8 0 | 7 0 | 7 0 |
| 9 0 | 9 0 | 13 0 | 7 0 | 7 0 | 8 0 |
| 9 4 | 7 8 | 12 4 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 9 0 | 9 0 | 8 8 | § | § | § |
| 7 6 | 7 2 | 8 12 | 8 12 | 8 12 | 6 10 |
| 9 0 | 9 0 | 9 0 | 8 12 | 9 0 | 10 0 |
| | | | | | |
| 11 0 | 11 9 | 13 12 | 7 8 | 8 2 | 8 12 |
| 9 12 | 9 12 | 11 0 | 9 0 | 9 0 | 8 12 |
| 6 9 | 6 9 | 9 6 | 7 8 | 7 8 | 8 0 |
| 9 0 | 8 0 | 10 12 | 8 0 | 8 0 | 8 0 |

**REMARKS ON CURRENT VARIATIONS.**

*Maize.*—Prices average 24 seers as compared with 26 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Karnál ... | 30 | 23 | 20 |
| Ludhiána ... | 38 | 25 | 25 |
| Gurdáspur ... | 26 | 21 | 21 |
| Gujránwála ... | 20 | 28 | 27 |
| Hazára ... | 22 | 32 | 30 |
| Bannu ... | 32 | 50 | 50 |

‡ Not sold.
§ Not procurable.

TULSI DAS, *Offg. Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 18 | 22 | 22 | 24 | ... | ... | ... | 13 | 13 | 12 | 18 | 19 | 21 | 18 | 18 | 18 | † | † | † |
| Ferozepore ... | 20 | 19 | 21 | 30 | 30 | 35 | ... | ... | ... | 10 | 10 | 9 | 21 | 22 | 25 | 20 | 20 | 20 | † | † | † |
| Mooltan ... | 17 | 16 | 16 | 27 | 27 | 25 | ... | ... | ... | 13 | 13 | 13 | 23 | 23 | 25 | 23 | 22 | 21 | † | † | † |
| Lahore ... | 20 | 19 | 19 | 30 | 29 | 34 | ... | ... | ... | 12 | 11 | 10 | 20 | 20 | 25 | 19 | 19 | 18 | § | § | § |
| Amritsar ... | 21 | 20 | 21 | 31 | 31 | 33 | ... | ... | ... | 11 | 11 | 10 | 20 | 20 | 25 | 18 | 18 | 18 | † | † | † |
| Peshâwar ... | 21 | 21 | 22 | 42 | 46 | 41 | ... | ... | ... | 12 | 11 | 10 | 30 | 34 | 30 | 25 | 24 | 16 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th JUNE 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th June 1890. | Past fortnight ending 31st May 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 13 | 22 | 22 | 24 | 16 | 16 | 21 | 24 | 24 | 25 | 8 0 | 8 0 | 10 0 | 7 0 | 7 8 | 8 0 | |
| 20 | 22 | 16 | 27 | 27 | 28 | 21 | 23 | 26 | 12 | 12 | 11 | 8 0 | 8 0 | 13 0 | 7 8 | 8 0 | 8 0 | |
| 27 | 24 | 25 | 21 | 21 | 22 | 23 | 22 | 25 | † | † | † | 9 0 | 7 0 | 11 0 | 7 0 | 7 4 | 6 4 | |
| 27 | 31 | 21 | 25 | 24 | 29 | 21 | 21 | 25 | 13 | 13 | 13 | 7 8 | 8 0 | 13 0 | 8 3 | 8 3 | 7 6 | |
| 18 | 18 | 29 | 25 | 25 | 27 | 26 | 26 | 28 | † | † | † | 8 9 | 9 0 | 14 0 | 8 0 | 8 0 | 8 0 | |
| 23 | 23 | 24 | 21 | 21 | 24 | 34 | 38 | 30 | 30 | 30 | 23 | 7 8 | 7 5 | 9 0 | 9 0 | 9 1 | 6 13 | |

† Not produced.

TULSI DAS, *Offg. Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Kharí*

| Canal Division. | Water distributed during May 1890. Depth in Canal at regulating gauge. Full supply. | Depth in Canal at regulating gauge. Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Gross consumption, cubic feet per second. Actual average throughout. |
|---|---|---|---|---|
| PERENNIAL CANALS. | | | | |
| SWAT RIVER CANAL ... ... ... ... | 6·5 | 4·7 | 720 | 496 |
| Total Swat River Canal ... ... | ... | ... | 720 | 496 |
| Corresponding period of last year ... | ... | ... | 720 | 392 |
| WESTERN JUMNA CANAL. | | | | |
| At Dádúpur ... ... ... ... ... ... | 4·33 | 3·9 | 2,546 | 2,269 |
| Main Line Rájbahas ... ... ... ... ... | ... | ... | ... | 164 |
| Hánsi Branch ... ... ... ... ... ... | 7·0 | ... | ... | 883 |
| Delhi Branch ... ... ... ... ... ... | 7·0 | ... | ... | 775 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | 447 |
| Loss by absorption ... ... ... ... ... | ... | ... | ... | |
| Total Western Jumna Canal ... ... | ... | ... | 2,546 | 2,269 |
| Corresponding period of last year ... | ... | ... | 2,546 | 2,590 |
| BARI DOAB CANAL. | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 5·14 | | 1,393 |
| 2nd „ Main Branch Lower ... ... ... ... | 4·6 | 3·84 | 3,074 | 261 |
| 3rd „ „ „ „ ... ... ... ... | | | | 1,264 |
| 2nd „ Lahore Branch ... ... ... ... | 3·35 | 3·06 | | 649 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | 39 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 3,606 |
| Corresponding period of last year ... | ... | ... | 3,074 | 3,713 |
| SIRHIND CANAL. | | | | |
| Main Line ... ... ... ... ... ... | 7·6 | 5·55 | 4,500 | 2,773 |
| Abohar Branch ... ... ... ... ... | 5·2 | 4·96 | 1,530 | 1,424 |
| Bhatinda Branch ... ... ... ... ... | 6·08 | 1·54 | 1,350 | 292 |
| Feeders ... ... ... ... ... ... | 6·73 | 4·78 | 1,620 | 1,057 |
| British Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Sirhind Canal ... ... | ... | ... | 4,500 | 2,773 |
| Corresponding period of last year ... | ... | ... | 4,500 | 3,656 |
| Chenab Canal ... ... ... ... ... ... | 7·0 | 2·83 | 1,800 | 380 |
| Corresponding period of last year ... | ... | ... | 1,800 | 210 |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890 *up to* 31*st May* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| | | | | | Sugarcane ... | 434 | There is a fair demand, but not nearly equal to supply available; prospects good. |
| | | | | | Rice ... | 614 | |
| | | | | | Cotton ... | 2,035 | |
| Peshâwar ... | 4,372 | 9 | 0·73 | 0·10 | Others ... | 62 | |
| | | | | | Miscellaneous | 1,227 | |
| ... | 4,372 | ... | ... | ... | ... | 4,372 | |
| ... | 2,342 | ... | ... | ... | ... | 2,342 | |
| Umballa ... | 237 | 20 | 1·3 | 0·04 | Sugarcane ... | 46,196 | The area under sugar-cane is 21,830 acres more than in May 1889. Supply in the Jumna has been very low, and quite inadequate to the demand. |
| Kalsia ... | 89 | | ... | ... | Rice ... | 192 | |
| Karnál ... | 13,681 | | 1·24 | 0·26 | Cotton ... | 17,985 | |
| Rohtak ... | 30,765 | 20 | 0·58 | 0·40 | Indigo ... | 5,321 | |
| Delhi ... | 26,154 | | 1·04 | 0·24 | Others ... | 9,812 | |
| Hissar ... | 8,549 | | 0·65 | 1·29 | | | |
| Bikaner ... | 31 | ... | ... | ... | | | |
| ... | 79,506 | ... | ... | ... | ... | 79,506 | |
| ... | 65,284 | ... | ... | ... | ... | 65,284 | |
| Gurdáspur ... | 13,990 | 11 | 0·81 | 0·32 | Sugarcane ... | 12,547 | The canal was closed for repairs of a rapid for one day during the month. The supply has been good throughout and the resulting irrigated area tops the best on record by 11,000 acres. Sugar-cane is 3,500 acres short of last year, due to unfavorable supply in March and early April. Cotton is 10,000 acres better than last year. |
| Amritsar ... | 32,695 | 8 | 1·04 | 0·05 | Rice ... | 1,423 | |
| Lahore ... | 56,895 | 8 | 0·52 | 0·05 | Cotton ... | 28,125 | |
| | | | | | Miscellaneous | 61,485 | |
| ... | 1,03,580 | ... | ... | ... | ... | 103,580 | |
| ... | 87,014 | ... | ... | ... | ... | 87,014 | |
| Ludhiána ... | 2,170 | | 0·46 | ... | Sugarcane ... | 1,036 | Canal closed at head for repairs from 21st to 30th May. Feeder Line closed from 17th to 30th and Bhattinda Branch from 7th to 31st. |
| Ferozepore ... | 14,490 | 8 | 0·45 | ... | Rice ... | 1 | |
| Hissar ... | 229 | | 0·54 | 1·29 | Cotton ... | 8,148 | |
| Farídkot ... | 2,655 | ... | ... | ... | Indigo ... | 33 | |
| Patiála ... | 1,758 | ... | ... | ... | Others ... | 13,043 | |
| Nábha ... | 764 | ... | ... | ... | | | |
| Jínd ... | 66 | ... | ... | ... | | | |
| Kalsia ... | 129 | ... | | | | | |
| ... | 22,261 | ... | ... | ... | ... | 22,261 | |
| ... | 14,535 | ... | ... | ... | ... | 14,535 | |
| | | | | | Sugarcane ... | 1,365 | Much improvement over last year, partly owing to new rájbahas opened and partly to the poor rabi. The demand was not equal to the supply available. |
| | | | | | Cotton ... | 6,011 | |
| Gujránwála ... | 15,986 | 5 | 0·96 | 0·58 | Rice ... | 973 | |
| | | | | | Others ... | 618 | |
| | | | | | Miscellaneous | 7,019 | |
| | | | | | | 15,986 | |
| ... | 7,207 | ... | ... | ... | ... | 7,207 | |
| ... | 225,705 | ... | ... | ... | ... | 225,705 | |
| ... | 176,382 | ... | ... | ... | ... | 176,382 | |
| Montgomery ... | *Nil.* | ... | ... | ... | ... | ... | Canal only began to run late in the month, owing to the low state of the Sutlej. |
| ... | 1,163 | ... | ... | ... | ... | 1,163 | |

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during May 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **INUNDATION CANALS—concluded.** | | | | |
| Sidhnai Canal ... | 6 | ... | 1,072 | ... |
| Corresponding period of last year ... | 6 | 3·7 | 1,072 | 385 |
| Upper Sutlej Canals ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... | ... | ... | ... | ... |
| Indus Canals ... | ... | ... | ... | ... |
| Muzaffargarh ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | |
| **Perennial Canals.** | | | | |
| Swat River Canal ... | ... | ... | ... | ... |
| Western Jumna Canal ... | ... | ... | ... | ... |
| Bári Doáb Canal ... | ... | ... | ... | ... |
| Sirhind Canal ... | ... | ... | ... | ... |
| Chenab Canal ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| **Inundation Canals.** | | | | |
| Lower Sohág Canal ... | ... | ... | ... | ... |
| Sidhnai Canal ... | ... | ... | ... | ... |
| Upper Sutlej ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab ... | ... | ... | ... | ... |
| Indus ... | ... | ... | ... | ... |
| Muzaffargarh ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

LAHORE:
*The 23rd June* 1890.

*of* 1890 *up to* 31*st May* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Mooltan ... | *Nil.* | ... | ... | ... | ... | ... | The canal has not yet begun to flow, but the water is now slowly coming down the Ravi and should reach the Dam by the first week in June. The kharif prospects are bad. |
| ... | 13,050 | ... | ... | ... | ... | 13,050 | |
| Lahore ... | *Nil.* | 8 | 0·50 | *Nil.* | ... | ... | |
| Montgomery... | 200 | ... | ... | ... | ... | 200 | |
| Mooltan ... | 41,291 | 26 | 0·28 | ... | ... | 41,291 | |
| Dera Gházi Khan | 11.440 | 10 | 0·48 | ... | ... | 11.440 | |
| Muzaffargarh ... | 31,860 | 5 | 0 7 | ... | ... | 31,860 | |
| ... | 84,791 | ... | ... | ... | ... | 84,791 | |
| ... | 143,014 | ... | ... | ... | ... | 143,014 | |
| ... | 4,372 | ... | ... | ... | ... | 4,372 | |
| ... | 79,506 | ... | ... | ... | ... | 79,506 | |
| ... | 103,580 | ... | ... | ... | ... | 103,580 | |
| ... | 22,261 | ... | ... | ... | ... | 22,261 | |
| ... | 15 986 | ... | ... | ... | ... | 15,986 | |
| ... | 225,705 | ... | ... | ... | ... | 225,705 | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | 200 | ... | ... | ... | ... | 200 | |
| ... | 41,291 | ... | ... | ... | ... | 41,291 | |
| ... | 11,440 | ... | ... | ... | ... | 11,440 | |
| ... | 31,860 | ... | ... | ... | ... | 31,860 | |
| ... | 84,791 | ... | ... | ... | ... | 84,791 | |
| ... | 310,496 | ... | ... | ... | ... | 310,496 | |
| ... | 319,396 | ... | ... | ... | ... | 319,396 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of May 1890.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... ... ... | | | Miles | 230 | |
| Receipts. Tollage. | Private boats ... ... ... | | Rs. | 305 | |
| | Government boats ... ... | | " | 33 | |
| | Rafts ... ... ... | | " | 8,980 | |
| | Total ... | | " | 9,318 | |
| Cost of Navigation Establishment ... ... | | | " | * 696 | * Includes maintenance charges. |
| Net Revenue during month ... ... ... | | | " | 8,622 | |
| Boats plying. | Number ... ... | Cargo... ... | No. | 53 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... ... | Cargo... ... | Tons | 1,081 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... ... | | Up ... ... | " | 52,432 | |
| | | Down... ... | " | 52,162 | |
| | | Total ... | " | 104,594 | |
| Estimated value of Cargo ... | | Up ... | Rs. | 5,767 | |
| | | Down ... | " | 15,200 | |
| | | Total ... | " | 20,967 | |
| Number of passengers ... ... ... | | | No. | ... | |
| Rafts ... ... ... | | Contents, Down ... | C. ft. | 279,525 | |
| | | Estimated value ... | Rs. | 1,35,650 | |
| Tollage on boats per ton per mile ... ... | | | Pie. | 0·62 | |
| Do. rafts per 100 cubic feet ... ... | | | Rs. | 3-3-2 | |
| Description and quantities of goods carried. | Grain ... ... | Down ... ... | Tons. | 130 | |
| | Metals ... ... | Down ... ... | " | 27 | |
| | Building materials ... | Up ... ... | " | 535 | |
| | Fuel ... ... | Up ... ... | " | 253 | |
| | | Down ... ... | " | 233 | |
| | | Total ... | " | 486 | |
| | Timber ... ... | Up ... ... | " | 18 | |
| | | Down ... ... | " | 17 | |
| | | Total ... | " | 35 | |
| | Total Traffic ... | Up ... ... | " | 806 | |
| | | Down ... ... | " | 407 | |
| | | Total ... | " | 1,213 | |
| | Rafts. | Logs round and squared—Down ... | " | 28 | |
| | | Sleepers, broad gauge—Down ... ... | " | 3,490 | |
| | | Sleepers, metre gauge—Down ... ... | " | 958 | |
| | | Ballas and Karries—Down ... ... | " | 946 | |
| | | Firewood—Down ... ... ... | " | 70 | |
| | | Total Rafts ... ... | " | 5,492 | |

LAHORE:
*The 23rd June 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of May 1890.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 188 | |
| Receipts. Tollage. | Private boats | | Rs. | 231 | |
| | Government boats | | " | ... | |
| | Rafts | | " | 345 | |
| | | Total | " | 576 | |
| Cost of Navigation Establishment | | | " | *983 | * Includes maintenance charges. |
| Net loss during month | | | " | 407 | |
| Boats plying. Number | | Cargo | No. | 32 | |
| | | Passengers | " | 7 | |
| Boats plying. Tonnage | | Cargo | Tons | 465 | |
| | | Passengers | " | 21 | |
| Ton mileage | | Up | " | 3,678 | |
| | | Down | " | 24,615 | |
| | | Total | " | 28,293 | |
| Estimated value of cargo | | Up | Rs. | 11,505 | |
| | | Down | " | 23,394 | |
| | | Total | " | 34,899 | |
| Number of passengers | | | No. | 344 | |
| Rafts | | Contents—Down | C. ft. | 45,527 | |
| | | Estimated value | Rs. | 27,182 | |
| Tollage on boats per ton per mile | | | Pie | 1·5 | |
| Do. rafts per 100 cubic feet | | | Re. | 0-12-0 | |
| Description and quantities of goods carried. | Grain | Up | Tons | 123 | |
| | | Down | " | 203 | |
| | | Total | " | 326 | |
| | Salt | Up | " | 22 | |
| | Metals | Up | " | 2 | |
| | | Down | " | 13 | |
| | | Total | " | 15 | |
| | Building materials | Up | " | 59 | |
| | | Down | " | 355 | |
| | | Total | " | 414 | |
| | Fuel | Down | " | 41 | |
| | Timber | Up | " | 4 | |
| | | Down | " | 136 | |
| | | Total | " | 140 | |
| | Miscellaneous | Up | " | 16 | |
| | Total Traffic | Up | " | 226 | |
| | | Down | " | 748 | |
| | | Total | " | 974 | |
| | Rafts. | Logs, round and squared—Down | " | 25 | |
| | | Sleepers, broad gauge.—Down | " | 663 | |
| | | Sleepers, metre gauge—Down | " | 46 | |
| | | Bamboos and Reeds—Down | " | 7 | |
| | | Total Rafts | " | 741 | |

LAHORE: } J. BRABSON,
*The 23rd June 1890.* } *Offg. Assistant Secretary to Government, Punjab, P. W. D.*

**WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 31st MAY 1890.**

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 8 | 10 | 15 | 6 | 9 | ... | ... | 6 | ... | ... | 9 | 1 | 1 | 2 | 37 | 55 |
| 2 | | Hansi ... | 12,656 | 3 | 2 | 5 | 19 | 8 | 11 | ... | ... | 15 | ... | ... | 4 | 5 | 5 | 10 | 21 | 78 |
| 3 | | Bhiwani ... | 33,762 | 6 | 6 | 12 | 22 | 10 | 12 | ... | ... | 10 | 3 | ... | 9 | 4 | 1 | 5 | 19 | 34 |
| 4 | | Sirsa ... | 12,292 | 4 | 1 | 5 | 9 | 3 | 6 | ... | ... | 3 | ... | ... | 6 | 1 | 1 | 2 | 21 | 38 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 2 | 6 | 10 | 5 | 5 | ... | ... | 3 | 1 | ... | 6 | 4 | 3 | 7 | 20 | 33 |
| 6 | | Jhajjer ... | 11,650 | 2 | 2 | 4 | 2 | 1 | 1 | ... | ... | ... | ... | ... | 2 | ... | 1 | 1 | 18 | 9 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 6 | 2 | 8 | 19 | 14 | 5 | ... | ... | 12 | 2 | ... | 5 | 4 | 1 | 5 | 17 | 41 |
| 8 | | Palwal ... | 10,635 | 3 | 2 | 5 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 25 | 25 |
| 9 | Delhi ... | Delhi ... | 117,363 | 41 | 32 | 73 | 96 | 51 | 45 | ... | 3 | 55 | 4 | 2 | 32 | 10 | 9 | 19 | 32 | 43 |
| 10 | | " Suburbs ... | 52,882 | 5 | 8 | 13 | 16 | 12 | 4 | ... | ... | 14 | 1 | ... | 1 | 2 | ... | 2 | 13 | 16 |
| 11 | | Sonepat ... | 13,077 | 6 | 5 | 11 | 13 | 9 | 4 | ... | ... | 12 | ... | 1 | ... | 4 | 1 | 5 | 44 | 52 |
| 12 | Karnal ... | Karnal ... | 23,133 | 8 | 6 | 14 | 22 | 6 | 16 | ... | 7 | 8 | 2 | ... | 5 | 1 | 6 | 7 | 32 | 50 |
| 13 | | Kaithal ... | 14,754 | 6 | 8 | 14 | 5 | 4 | 1 | ... | ... | 2 | 1 | ... | 2 | 1 | ... | 1 | 49 | 18 |
| 14 | | Panipat ... | 26,572 | 14 | 5 | 19 | 24 | 14 | 10 | ... | 5 | 9 | 2 | ... | 8 | 5 | 4 | 9 | 37 | 47 |
| 15 | Umballa ... | Umballa ... | 26,777 | 9 | 8 | 17 | 23 | 9 | 14 | ... | 2 | 16 | 1 | ... | 4 | 3 | 4 | 7 | 33 | 45 |
| 16 | | Jagadhri ... | 12,300 | 3 | ... | 3 | 4 | 3 | 1 | ... | ... | 3 | 1 | ... | ... | ... | ... | ... | 13 | 17 |
| 17 | | Shahabad ... | 10,218 | 5 | 3 | 8 | 7 | 6 | 1 | ... | 4 | 2 | 1 | ... | ... | 1 | ... | 1 | 41 | 36 |
| 18 | | Sadhaura ... | 10,794 | 2 | 1 | 3 | 9 | 5 | 4 | ... | ... | 6 | ... | ... | 3 | 2 | ... | 2 | 14 | 43 |
| 19 | | Rupar ... | 10,326 | 4 | 1 | 5 | 9 | 4 | 5 | ... | ... | 7 | 1 | ... | 1 | 1 | ... | 1 | 25 | 45 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 2 | 4 | 6 | 10 | 5 | 5 | ... | ... | 5 | 1 | ... | 4 | 2 | 2 | 4 | 24 | 39 |
| 21 | | Tanda and Urmar ... | 10,295 | 3 | 4 | 7 | 4 | 1 | 3 | ... | ... | 2 | ... | ... | 2 | 1 | 1 | 2 | 35 | 20 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 20 | 13 | 33 | 19 | 14 | 5 | ... | ... | 12 | 1 | ... | 6 | 3 | 2 | 5 | 55 | 32 |
| 23 | | " Suburbs ... | 11,474 | 4 | 3 | 7 | 8 | 6 | 2 | ... | ... | 5 | 1 | ... | 2 | 1 | 1 | 2 | 32 | 36 |
| 24 | | Rahon ... | 11,736 | 3 | 4 | 7 | 12 | 8 | 4 | ... | ... | 11 | 1 | ... | ... | ... | 1 | 1 | 31 | 53 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 8 | 9 | 17 | 24 | 9 | 15 | ... | ... | 17 | 1 | ... | 6 | 5 | 1 | 6 | 20 | 28 |
| 26 | | Jagraon ... | 16,873 | 8 | 8 | 16 | 11 | 6 | 5 | ... | ... | 6 | ... | ... | 5 | 2 | 3 | 5 | 49 | 34 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 3 | 5 | 8 | 11 | 6 | 5 | ... | ... | 11 | ... | ... | ... | 3 | 2 | 5 | 20 | 27 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 10 | 7 | 17 | 24 | 18 | 6 | ... | ... | 10 | 3 | ... | 11 | 3 | 2 | 5 | 28 | 39 |
| 29 | | " Suburbs ... | 25,593 | 6 | 7 | 13 | 9 | 5 | 4 | ... | ... | 4 | ... | ... | 5 | 1 | ... | 1 | 27 | 18 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 8 | ... | 8 | 11 | 5 | 6 | ... | ... | 4 | ... | ... | 7 | 5 | 2 | 7 | 33 | 46 |
| 31 | | Chiniot ... | 10,731 | 3 | 6 | 9 | 12 | 4 | 8 | ... | ... | 7 | ... | ... | 5 | 1 | 3 | 4 | 44 | 59 |

WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 24 | 15 | 39 | 62 | 29 | 33 | ... | ... | 48 | 1 | 1 | 12 | 7 | 4 | 11 | 21 | 33 |
| 33 | | " Suburbs ... | 41,670 | 3 | 3 | 6 | 16 | 15 | 1 | ... | ... | 5 | 1 | ... | 10 | 1 | ... | 1 | 8 | 20 |
| 34 | | Kasur ... | 17,336 | 6 | 1 | 7 | 8 | 4 | 4 | ... | ... | 5 | 1 | ... | 2 | 1 | 1 | 2 | 21 | 24 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 33 | 35 | 68 | 131 | 65 | 66 | ... | ... | 71 | 3 | 2 | 55 | 18 | 18 | 36 | 25 | 47 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 8 | 4 | 12 | 32 | 14 | 18 | ... | ... | 26 | ... | ... | 6 | 2 | ... | 2 | 26 | 69 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 18 | 9 | 27 | 9 | 4 | 5 | ... | 1 | 5 | ... | ... | 3 | ... | ... | ... | 42 | 14 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 5 | 10 | 9 | 5 | 4 | ... | ... | 3 | ... | ... | 6 | ... | 1 | 1 | 28 | 25 |
| 39 | | Jalalpur ... | 12,839 | 5 | 4 | 9 | 6 | 3 | 3 | ... | ... | 3 | ... | ... | 3 | ... | 1 | 1 | 37 | 24 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 5 | 3 | 8 | 20 | 9 | 11 | ... | 1 | 11 | ... | ... | 8 | 2 | 4 | 6 | 18 | 46 |
| 41 | | Wazirabad ... | 16,462 | 5 | 6 | 11 | 12 | 9 | 3 | ... | ... | 7 | 2 | 1 | 2 | 1 | ... | 1 | 35 | 38 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 4 | 8 | 12 | 12 | 6 | 6 | ... | ... | 8 | ... | ... | 4 | ... | ... | ... | 41 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | ... | 2 | 3 | ... | 3 | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 6 | 9 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | 2 | 4 | 6 | 3 | 3 | ... | ... | 3 | 2 | ... | 1 | 1 | ... | 1 | 12 | 19 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 2 | 5 | 7 | 19 | 14 | 5 | ... | ... | 11 | ... | ... | 8 | 1 | 1 | 2 | 13 | 36 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 12 | 17 | 29 | 28 | 10 | 18 | ... | ... | 15 | 1 | ... | 12 | ... | 7 | 7 | 26 | 25 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | 1 | 4 | 6 | 4 | 2 | ... | ... | 5 | 1 | ... | ... | ... | ... | ... | 15 | 23 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 3 | 1 | 4 | 6 | 3 | 3 | ... | ... | 3 | 3 | ... | ... | ... | ... | ... | 11 | 16 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 2 | 1 | 3 | 10 | 5 | 5 | ... | ... | 8 | ... | ... | 2 | 1 | 1 | 2 | 8 | 27 |
| | Birth and death rate of London for the week ending 10th May 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·2 | 17·3 |
| | | Grand Total ... | 1,311,330 | 353 | 292 | 645 | 879 | 463 | 416 | ... | 23 | 519 | 43 | 7 | 287 | 112 | 96 | 208 | 26 | 35 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... ... | 12,305 | 1 | ... | 1 | 7 | 6 | 1 | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 4 | 30 |
| | Dharmsala | ... ... ... ... | 3,839 | 1 | ... | 1 | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 14 | 14 |
| | Dalhousie | ... ... ... ... | 870 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... |
| | Murree | ... ... ... ... | 2,489 | ... | 2 | 2 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 42 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 20th June 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 31st May 1890.*

*General results.*—The return is incomplete, the registers for the district of Bannu not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 13,874 against 12,975 in the previous week and 8,767 in the corresponding week of the past year, giving respectively an annual death-rate of 39·1, 36·6 and 24·7 per 1,000 of population. Owing to the increased registered mortality under the head of fevers, the death-rate for the week under review is 2·5 per 1,000 larger than that of the previous week; it is also 11·5 per 1,000 larger than the average annual rate of the five years 1885—1889.

*Cholera.*—There were 38 deaths registered under the head of cholera against 22 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Gurgaon ... | Rural Circle ... | 1 | |
| Delhi ... | Ballabgarh Town ... | 2 | |
| Do. ... | Rural Circles ... | 35 | |
| | Total ... | 38 | |

*Small-pox.*—From small-pox 312 deaths were registered against 307 in the previous week and 186 in the corresponding week of the past year.

*Fevers.*—From fevers there were 10,517 deaths against 9,639 in the previous week and 6,071 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 292 deaths against 292 and 312.

*Chest disease.*—Six hundred and fifty-two against 618 and 516.

*Snake-bite.*—Sixteen against 14 and 6.

*Hydrophobia.*—*Nil* against 2 and 1.

*All other causes.*—Two thousand and forty-seven against 2,081 in the previous week and 1,630 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand eight hundred and sixty-two deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,616 were males and 1,246 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 879 deaths were registered (463 males and 416 females), giving a death-rate of 35 per mille of population; 645 births were registered (353 males and 292 females), giving a birth-rate of 26 per mille of population. The death-rate of the 49 large Municipal towns for the week under review is 4·4 per 1,000 less than that of the rest of the Province.

LAHORE : } A. STEPHEN, SURGEON-MAJOR,

*The 20th June 1890.* } *Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—26-5-90—690.

No. 27 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 3, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 1st JULY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 1·52 at Hissar. 4·58 at Hánsi. 2·40 at Bhiwani. 1·35 at Fatehabad. 3·47 at Barwála. 1·05 at Sirsa. 0·87 at Budhlada. | Fodder scarce. | Stationary. | Kharif ploughing and sowing commenced. | ... |
| 2 | Delhi ... | 2·03 at Sadr. 4·44 at Ballabgarh. 0·80 at Sonepat. | ... | Fluctuating. | Cotton cultivation progressing. More rain wanted. | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Kharif sowing in progress. | ... |
| 4 | Jullundur ... | 1·85 | Insufficient. | Do. | Kharif ploughing and moth & jowár sowing commenced. | ... |
| 5 | Ferozepore ... | 0·22 at Moga. 0·67 at Zira. 0·28 at Sadr. 0·31 at City. 0·38 at Muktsar. 0·70 at Fazilka. 0·90 at Nathana. | Sufficient. | Do. | Kharif ploughing in progress. A flight of Locusts passed through the Ferozepore Tahsil but without doing much damage. | ... |
| 6 | Amritsar ... | 0·77 average fall. | Do. | Do. | Sugarcane and cotton in good condition. Jowár, chari and jhons under cultivation. No complaint against canal working. | Rabi harvested. |
| 7 | Siálkot ... | ... | Do. | Do. | Kharif prospects good; some rain everywhere. | ... |
| 8 | Lahore ... | 1·10 at Lahore. 0·70 at Kasúr. 0·35 at Sharakpur. 0·19 at Chunian. | Dry fodder sufficient. | Do. | Kharif sowings on irrigated lands in progress. Cotton and sugarcane promising. | Extra rabi crops are being harvested. |
| 9 | Mooltan ... | ... | Fodder insufficient in Rawa and Sidhnai. | Do. | All canals flowing; little water in Sidhnai. | Rabi crops harvested. |
| 10 | Ráwalpindi ... | 0·22 at Ráwalpindi. 0·87 at Gujar Khan. 0·87 at Kahuta. 1·00 at Murree. | Sufficient. | Do. | Kharif sowings in progress. | ... |
| 11 | Shahpur ... | ... | Fodder scarce in Thal and Bár. | Do. | Jowár and bájra being sown. | ... |
| 12 | D. I. Khan ... | 0·91 | Fodder supply on average. | Do. | Cotton crops improved by recent rain. | Extra rabi crop improved by recent rain. |
| 13 | Peshávar ... | ... | Fodder sufficient. | Slightly rising. | Prospects of kharif crop average. Rain much wanted. | Threshing of rabi crop over. |

*GENERAL REMARKS.*

Good rain in Hissar, Delhi, Ferozepore, Lahore and Ráwalpindi. Slight fall in Dera Ismail Khan, Amritsar and Siálkot. In other districts no rain. Prices fluctuating at Delhi, rising in Peshávar, and elsewhere stationary. Kharif ploughings in progress. Prospects of kharif good at Amritsar and Siálkot and average at Peshávar. Fodder scarce at Hissar, Jullundur, Shahpur and Mooltan; elsewhere sufficient.

PESTONJI, *Supdt.,*
*Office of Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING MAY 1890.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | Humidity. | Vapour tension. | Amount of cloud ; 10 = overcast. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, May 1890. | Normal direction and force, May. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | | | |
| Delhi ... | 28·942 | —·010 | S. 38° W. 4 | N. 49° W. 4 | 86·1 | 105·9 | + 1·5 | 80·6 | + 1·8 | + 1·7 | 36 | ·425 | 2 |
| Sirsa ... | 28·969 | —·025 | N. 85° W. 8 | N. 83° W. 5 | 89·2 | 108·1 | + 1·9 | 77·6 | + 2·0 | + 2·0 | 40 | ·548 | 2 |
| Ludhiána ... | 28·809 | —·040 | N. 31° E. 4 | N. 57° W. 2 | 87·4 | 105·0 | +0·9 | 76·2 | + 2·8 | + 1·9 | 34 | ·435 | 1 |
| Lahore ... | 28·918 | —·025 | N. 46° E. 4 | N. 7° E. 3 | 86·5 | 103·8 | +0·6 | 73·7 | + 0·6 | +0·6 | 36 | ·456 | 3 |
| Montgomery ... | 29·049 | ? | S. 30° E. 8 | ? ? | 91·9 | 108·0 | ? | 77·7 | ? | ? | 35 | ·529 | 2 |
| Siálkot ... | 28·791 | —·031 | N. 11° E. 5 | N. 3° E. 3 | 86·4 | 102·8 | + 0·3 | 74·8 | + 1·3 | + 0·8 | 43 | ·530 | 2 |
| Ráwalpindi ... | 28·013 | —·022 | N. 4 | N. 79° W. 3 | 81·8 | 97·9 | + 0·4 | 67·7 | + 0·3 | + 0·4 | 38 | ·392 | 2 |
| Peshawar ... | 28·578 | —·010 | N. 45° E. 5 | N. 25° E. 5 | 83·4 | 98·0 | + 0·4 | 69·8 | + 0·5 | + 0·5 | 43 | ·464 | 2 |
| Dera Ismail Khan ... | 29·056 | —·036 | N. 24° E. 3 | N. 79° E. 2 | 85·3 | 104·0 | + 0·8 | 75·2 | + 1·1 | + 1·0 | 42 | ·508 | 1 |
| Mooltan ... | 29·200 | —·030 | N. 49° W. 4 | S. 35° W. 3 | 88·2 | 108·8 | + 4·5 | 78·2 | + 2·7 | + 3·6 | 42 | ·545 | 0 |
| Simla ... | 23·014 | ? | S. 31° E. ... | S. 44° W. 3 | 64·3 | 76·8 | —0·5 | 58·4 | + 1·0 | + 0·3 | 41 | ·250 | 2 |
| Murree ... | 23·794 | +·009 | S. 88° E. 8 | S. 18° E. 8 | 66·9 | 78·0 | +2·1 | 56·2 | — 2·9 | — 0·4 | 40 | ·258 | 3 |

During May the weather in the Punjab is subject to large alterations Periods of great heat occur during which small depressions are slowly formed which on coming to maturity occasion thunder or dust storms, which, according to their intensity, bring about a greater or less fall of temperature.

The present month is remarkable for the large vicissitudes in the weather which were experienced. The month opened with cold weather, rainfall was general in the north-west and the pressure was high for the first six days of the month,—conditions which resulted in abnormal gradients for the northerly winds, owing to which and to slight showers the temperature fell below the normal. The maxima on the first two days were as follows :—

At Dera Ismail Khan on the 1st the maximum was 89·6° or 10° below normal.

| | | | | | |
|---|---|---|---|---|---|
| ,, Lahore | ,, | ,, | 92·3 ,, | 9·3° | ,, |
| ,, Peshawar | ,, | ,, | 82·1 ,, | 10·3 | ,, |
| ,, Dera Ismail Khan | 2nd | ,, | 91·7 ,, | 8·2 | ,, |
| ,, Pesháwar | ,, | ,, | 84·1 ,, | 8·9 | ,, |
| ,, Siálkot | ,, | ,, | 92·1 ,, | 8·2 | ,, |

A sudden change took place after the 6th, when the seat of the lowest ressure was shown over the north of the Punjab. The weather was unsettled nd squally up to the 12th, after which date the disturbance disappeared, the pressure increased, and the weather was fine and hot.

The chart of the 15th showed that the barometer had fallen briskly and that a well-defined depression had been developed within the low pressure area which had previously overlaid the Punjab. By the morning of the 16th the depression had undergone still further development, and the chart of the following day showed that it had apparently begun a south-westerly movement. It was followed by a barometric rise and northerly winds in the north of the Province and by thunder-storms in the hills. By the morning of the 19th the depression had reached Sind after giving some scattered showers to the South and Central Punjab. After its disappearance a period of great heat set in and lasted with slight oscillations for 10 days.

During this period the weather was calm and settled and the temperature rose steadily, so that on the 25th at Pesháwar and Sirsa the heat was 10° and at Mooltan 8° higher than usual. Hot winds were reported from nearly all parts of the Province. On the 26th the pressure fell ·150″ below the normal in all places and a slight depression formed over the central parts of the Punjab. The weather was not, however, affected, and the mean temperature was very high. At several places the mean temperature exceeded 100° and the maximum temperature 110°, the highest reading reported being 120·4° at Montgomery. On the 27th the depression noticed above intensified, the winds were strong and some showers occurred at Simla. The depression continued till the 28th, and thunder-storms and showers were reported from the hills. On the 29th the pressure rose briskly and the depression moved towards Upper Sind, but the weather on that and the subsequent days of the month remained showery and unsettled over and near the hills.

*Pressure.*—The pressure was below the normal everywhere except at Murree, where there was a trifling excess. The greatest deficiency was at Ludhiána, the least at Pesháwar and Delhi.

*Temperature.*—The mean monthly temperature was above the normal at all stations except Murree, where it was slightly below. The excess was large in the south of the Province, amounting to 3½° at Mooltan and 2° at Sirsa, Delhi and Ludhiána.

The mean monthly maximum temperatures were above 100° at all stations except Pesháwar and Ráwalpindi. Very high maxima were recorded in the latter part of the month, especially between the 24th and 27th.

Some of those recorded on the 26th and 27th are given below, with their differences from the normal for the same day :—

| | | | | |
|---|---|---|---|---|
| | *26th.* | | | |
| Delhi ... ... | 114·0° | or | 7·8° | above normal. |
| Sirsa ... ... | 117·4° | ,, | 10·6° | ,, |
| Ludhiána ... ... | 114·8° | ,, | 9·4° | ,, |
| Lahore ... ... | 113·3° | ,, | 9·3° | ,, |
| Montgomery ... | 120·4° | | ... | |
| Siálkot ... ... | 114·5° | ,, | 10·8° | ,, |
| Pesháwar ... ... | 111·0° | ,, | 11·5° | ,, |
| Dera Ismail Khan ... | 115·5° | ,, | 11·2° | ,, |
| Mooltan ... ... | 118·3° | ,, | 13·5° | ,, |
| | *27th.* | | | |
| Lahore ... ... | 114·3° | ,, | 9·6° | ,, |
| Montgomery .. | 120·9° | | ... | |
| Siálkot ... ... | 115·5° | ,, | 11·2° | ,, |
| Dera Ismail Khan ... | 115·5° | ,, | 10·3° | ,, |
| Mooltan ... ... | 120·3° | ,, | 14·8° | ,, |

*Humidity and cloud.*—Mean humidity for the month was fairly normal and the amount of cloud proportion was below the average.

*Rainfall.*—The rainfall for the month was below the normal average throughout the Province, except at Sirsa, where there was a trifling excess; the greatest deficiency was on the hills. No rain whatever was received at Mooltan, Lahore, Montgomery or Ludhiána.

The following table gives the rainfall data for the Punjab stations for May 1890:—

| STATIONS. | Normal average rainfall in May. | Actual rainfall in May 1890. | Difference from the average in May 1890. |
|---|---|---|---|
| *Punjab, West.* | * Inches. | Inches. | Inches. |
| Mooltan... ... ... ... ... | 0·36 | ... | — 0·36 |
| Dera Ismail Khan ... ... ... ... ... | 0·40 | 0·39 | — 0·01 |
| Peshâwar ... ... ... ... ... | 0·92 | 0·20 | — 0·72 |
| Murree ... ... ... ... ... ... | 3·41 | 0·95 | — 2·46 |
| Ráwalpindi ... ... ... ... ... | 1·83 | 1·59 | — 0·24 |
| Siálkot ... ... ... ... ... ... | 1·19 | 0·46 | — 0·73 |
| Lahore ... ... ... ... ... ... | 1·08 | ... | — 1·08 |
| Montgomery ... ... ... ... ... | 0·45 | ... | — 0·45 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 0·83 | ... | — 0·83 |
| Simla ... ... ... ... ... ... | 4·23 | 1·40 | — 2·83 |
| Delhi ... ... ... ... ... ... | 0·60 | 0·52 | — 0·08 |
| Sirsa ... ... ... ... ... ... | 0·68 | 0·72 | + 0·04 |

SIMLA:
*The 19th June 1890.*

W. L. DALLAS,
*Meteorological Reporter to Government, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T*=Thunder.
*H*=Hail.
R=Slight rain, not measured.
D=Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Week ending* 1st *June* 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 26th. | Tuesday 27th. | Wednesday 28th. | Thursday 29th. | Friday 30th. | Saturday 31st. | Sunday 1st. | | |
| Gurgaon. | Játusána | 20th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohn | 4th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi | Mahrauli | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Gobingarh *C* | 19th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending* 8th *June* 1890. | | | | | | | | |
| | | | Monday 2nd. | Tuesday 3rd. | Wednesday 4th. | Thursday 5th. | Friday 6th. | Saturday 7th. | Sunday 8th. | | |
| Hissar. | Sirsa | 22nd May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Barwála | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar *s* | 19th Do. | 0·08 | ... | ... | ... | ... | ... | ... | 0·08 | |
| | Hansi | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhlada | 5th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 18th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 18th Do. | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Sampla | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 28th May | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Una | 31st Do. | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Garhshankar | 28th Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Sadr Station | Ditto | ... | ... | ... | ... | ... | ... | 0·80 | 0·80 | |
| | Hoshiárpur | Ditto | ... | ... | ... | ... | ... | ... | 0·80 | 0·80 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 22nd JUNE 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of June 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 16th. | Tuesday 17th. | Wednesday 18th. | Thursday 19th. | Friday 20th. | Saturday 21st. | Sunday 22nd. | | |
| Hissar. | Sirsa s | 10th June | ... | 1·21 | 0·24 | ... | 0·62 | ... | ... | 2·07 | |
| | Fatahabad | Ditto | ... | 0·50 | ... | 0·12 | 0·80 | ... | ... | 1·42 | |
| | Barwála | Ditto | ... | ... | R. | ... | 0·21 | ... | ... | 0·21 | |
| | Hissar s | 11th June | ... | ... | 0·10 | 0·16 | 0·36 | ... | ... | 0·62 | |
| | Hánsi | 10th Do. | ... | ... | ... | 0·06 | 0·53 | 0·40 | ... | 0·99 | |
| | Bhiwáni | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 10th Do. | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Dhaneta *C* | Ditto | ... | ... | ... | 0·05 | ... | ... | ... | 0·05 | |
| Rohtak. | Rohtak s | 10th June | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Gohána | Ditto | ... | ... | ... | 0·02 | ... | ... | ... | 0·02 | |
| | Sámpla | 9th June | ... | ... | ... | 0·32 | ... | ... | ... | 0·32 | |
| | Jhajjar | 19th May | ... | ... | ... | 0·33 | ... | ... | ... | 0·33 | |
| Gurgaon. | Farukhnagar | 18th May | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Játusána | 20th March | ... | ... | 0·09 | 1·20 | ... | ... | ... | 1·29 | |
| | Rewári | 19th Do. | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Shahjahánpur | Ditto | ... | ... | ... | 0·37 | ... | ... | ... | 0·37 | |
| | Tauru | 22nd Jany. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Nuh | 10th June | ... | ... | 0·50 | ... | ... | ... | ... | 0 50 | |
| | Firozpur | 1st Do. | ... | ... | ... | 0·14 | ... | 0·28 | 0·33 | 0·75 | |
| | Hodal | 29th May | ... | ... | ... | ... | ... | 0·30 | 0·20 | 0·50 | |
| | Hattín | 18th Do. | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Palwal | 4th March | ... | ... | ... | 0·10 | ... | 0·10 | 0·20 | 0·40 | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | 18th May | ... | ... | ... | 0·34 | ... | ... | ... | 0·34 | |
| | Punahána | 19th March | ... | ... | ... | 0·30 | ... | 0·24 | 0·25 | 0·79 | |
| Delhi. | Ballabgarh | 29th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 18th Do. | ... | ... | ... | 0·65 | ... | ... | 0·27 | 0·92 | |
| | Sadr (Delhi) s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 18th Do. | ... | 0·03 | ... | 0·02 | ... | ... | ... | 0·05 | |
| Karnal. | Pánipat | 10th June | ... | ... | 0·80 | ... | ... | ... | 0·30 | 1·10 | |
| | Karnál s | Ditto | ... | 2·48 | ... | 0·90 | ... | ... | ... | 3·38 | |
| | Rajaund | 9th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | Ditto | ... | ... | ... | 1·30 | ... | ... | ... | 1·30 | |
| | Gulah | 10th June | ... | 0·33 | ... | 0·30 | ... | ... | ... | 0·63 | |
| Umballa. | Pipli | 9th June | 1·50 | ... | ... | ... | ... | ... | ... | 1·50 | |
| | Jagádhri | Ditto | 1·03 | ... | ... | ... | ... | ... | 0·02 | 1·05 | |
| | Umballa s | Ditto | 1·40 | ... | ... | 0 35 | ... | ... | ... | 1·75 | |
| | Naráingarh | 10th June | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Kharar | 9th Do. | ... | 0·08 | ... | 0·04 | ... | ... | ... | 0 12 | |
| | Rúpar | Ditto | 0·35 | ... | ... | ... | ... | ... | ... | 0·35 | |
| | Kotra *C* | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 11th Do. | ... | ... | ... | 1·40 | ... | ... | ... | 1·40 | |
| | Raniki *C* | 29th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli s | 9th June | 0·47 | ... | ... | 0·09 | 0·11 | ... | 0·16 | 0·83 | |
| | Barauli | 19th May | ... | 4·80 | ... | ... | ... | ... | ... | 4·80 | |
| | Simla s | 21st Do. | ... | 0·92 | ... | ... | ... | ... | ... | 0·92 | |
| | Kot Khái | 19th Do. | 0·60 | ... | ... | ... | ... | ... | 1·1 | 1·61 | |
| | Kotgarh | Ditto | 0·60 | ... | ... | ... | ... | ... | 1·1 | 1·61 | |
| | Kilba s | 9th June | 0·02 | ... | R. | R. | ... | ... | ... | 0·02 | |
| Kangra. | Plách | 13th June | 0·02 | ... | 0·01 | 0·01 | ... | ... | 0·18 | 0·22 | |
| | Kulu s | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nagar | Ditto | 0·33 | ... | 0·20 | ... | ... | ... | ... | 0·53 | |
| | Pálampur | 12th June | ... | 0·49 | ... | 1·53 | 0·95 | ... | ... | 2·97 | |
| | Hamírpur | 10th Do. | ... | ... | 0·32 | 0·21 | 0·38 | ... | ... | 0·91 | |
| | Dera | Ditto | ... | 0·36 | ... | R. | 0·05 | ... | ... | 0·41 | |
| | Kángra | Ditto | ... | R. | ... | 0·46 | 0·16 | ... | ... | 0·62 | |
| | Dharmsála s | 13th June | ... | 1·60 | ... | 0·33 | 0·08 | ... | ... | 2·01 | |
| | Nurpur | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 9th June | 0·08 | ... | ... | 0·51 | ... | ... | ... | 0·59 | |
| | Una | Ditto | 0·47 | ... | ... | ... | ... | ... | ... | 0·47 | |
| | Garhshankar | Ditto | 0·85 | ... | ... | 0 53 | ... | ... | ... | 1·38 | |
| | Sadr Station | Ditto | 0·72 | ... | ... | 0·86 | ... | ... | R. | 1·58 | |
| | Hoshiárpur | Ditto | 0·77 | ... | ... | 0·85 | ... | ... | ... | 1·62 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 16th. | Tuesday 17th. | Wednesday 18th. | Thursday 19th. | Friday 20th. | Saturday 21st. | Sunday 22nd. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 10th June | ... | ... | ... | 0·18 | ... | ... | ... | 0·18 | |
| | Nakodar | Ditto | ... | 1·20 | ... | ... | 1·03 | ... | ... | 1·23 | |
| | Phillour | 8th June | ... | 0·77 | ... | ... | 0·04 | ... | ... | 0·81 | |
| | Nawashahr | Ditto | ... | 0·78 | ... | ... | 0·16 | ... | ... | 0·94 | |
| Ludhiána. | Samrála | 9th June | 0·10 | ... | ... | 0·56 | ... | ... | ... | 0·66 | |
| | Ludhiána s | 10th Do. | ... | 0·31 | ... | ... | ... | ... | ... | 0·31 | |
| | Jagraon | Ditto | ... | 0·20 | ... | 0·46 | ... | ... | ... | 0·66 | |
| Ferozepore. | Moga | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city | 9th Do. | ... | ... | 0·15 | ... | ... | ... | ... | 0·15 | |
| | Muktsar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 19th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | Ditto | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Kabírwála | 2nd June | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 2nd June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 9th Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 10th Do. | ... | ... | ... | ... | 0·12 | ... | ... | 0·12 | |
| Montgomery. | Gugera | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | Ditto | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| Lahore. | Van *C* b | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 10th Do. | ... | ... | 0·07 | ... | ... | ... | ... | 0·07 | |
| | Pambe *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 9th June | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Niáz Beg *C* | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* | Ditto | ... | 0·74 | ... | ... | ... | ... | ... | 0·74 | |
| | Dafthu *C* b | 21st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* b | 10th June | ... | 0·72 | ... | ... | 0·12 | ... | ... | 0·84 | |
| | Khara *C* | Ditto | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Tarn Táran | 9th June | 0·44 | ... | ... | 0·24 | ... | ... | ... | 0·68 | |
| | Raya *C* | 10th Do. | ... | 1·28 | ... | ... | ... | ... | ... | 1·28 | |
| | Jandiála *C* | Ditto | ... | 0·92 | ... | ... | ... | ... | ... | 0·92 | |
| | Jail Hospital s | 9th June | 0·33 | ... | ... | 0·77 | ... | ... | ... | 1·10 | |
| | Amritsar Sadr | Ditto | 0·40 | ... | ... | 0·60 | ... | ... | ... | 1·00 | |
| | Amritsar *C* | 10th June | ... | 0·20 | ... | ... | 0·50 | ... | ... | 0·70 | |
| | Buggeh *C* | Ditto | ... | .. | ... | 0·07 | ... | ... | ... | 0·07 | |
| | Ajnála | 9th June | ... | ... | ... | 0·60 | ... | ... | ... | 0·60 | |
| Gurdaspur. | Aliwál *C* | 28th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 9th June | ... | ... | ... | ... | ... | ... | 0·21 | 0·21 | |
| | Kaler *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | 10th June | .. | 0·70 | ... | ... | 0·85 | ... | ... | 1·55 | |
| | Gurdáspur s | 9th Do. | 0·62 | ... | ... | 0·35 | ... | ... | ... | 0·97 | |
| | Bhímpur *C* | 10th Do. | ... | ... | ... | ... | 0·23 | ... | ... | 0·23 | |
| | Pathánkot | 9th Do. | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |
| | Dalhousie s | Ditto | R. | ... | ... | 1·83 | ... | ... | 0·24 | 2·07 | |
| | Mádhopur *C* b | 10th June | ... | ... | ... | 0·10 | 0·25 | ... | ... | 0·35 | |
| | Shakargarh | 9th Do. | 0·36 | ... | ... | ... | ... | ... | ... | 0·36 | |
| Siálkot. | Zafarwál | 10th June | ... | 0·38 | ... | ... | ... | ... | ... | 0·38 | |
| | Pasrúr | Ditto | ... | 0·31 | ... | ... | ... | ... | ... | 0·31 | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 2nd May | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Siálkot s | 10th June | ... | 1·40 | ... | 0·30 | ... | ... | ... | 1·70 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 16th. | Tuesday 17th. | Wednesday 18th. | Thursday 19th. | Friday 20th. | Saturday 21st | Sunday 22nd. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 10th June ... | ... | 0·75 | ... | ... | ... | ... | ... | 0·75 | |
| | Gujrát ... | Ditto ... | ... | 0·71 | ... | ... | ... | ... | ... | 0·71 | |
| | Khárián ... | Ditto ... | ... | 0·68 | ... | ... | ... | ... | ... | 0·68 | |
| | Phália ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar ... | 9th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Wazirabad ... | Ditto ... | 0·70 | ... | ... | ... | ... | ... | ... | 0·70 | |
| | Sadr Kacheri s | Ditto ... | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Shekhupura ... | 10th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 9th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 10th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 10th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 11th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 1st May ... | ... | ... | 0·40 | ... | ... | ... | ... | 0·40 | |
| | Naushahra ... | 11th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | Ditto ... | ... | ... | 0·18 | ... | ... | ... | ... | 0·18 | |
| | Bhera ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 23rd April ... | ... | ... | ... | ... | 0·45 | ... | ... | 0·45 | |
| JHELUM. | Pind Dádan Khan | 9th June ... | ... | ... | ... | 0·09 | 0·24 | ... | ... | 0·33 | |
| | Sadr Station s | Ditto ... | ... | 0·27 | ... | ... | ... | ... | ... | 0·27 | |
| | Chakwál ... | Ditto ... | ... | ... | ... | 0·14 | ... | ... | ... | 0·14 | |
| | Talagang ... | 12th June ... | ... | 0·04 | ... | 0·69 | ... | ... | ... | 0·73 | |
| RAWALPINDI. | Pindigheb ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 27th April ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Attock ... | 19th May ... | 0·60 | ... | ... | ... | ... | ... | ... | 0·60 | |
| | Ráwalpindi s | 15th June ... | 0·60 | ... | ... | ... | ... | ... | ... | 0·60 | |
| | Gujar Khan ... | 8th Do ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta ... | 10th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree s | Ditto ... | ... | 0·70 | ... | ... | ... | ... | ... | 0·70 | |
| HAZARA. | Abbott-abad s | 19th May ... | R. | 0·60 | ... | ... | ... | ... | ... | 0·60 | |
| | Mansahra ... | Ditto ... | ... | 0·45 | ... | ... | ... | ... | ... | 0·45 | |
| | Haripur ... | Ditto ... | ... | 0·27 | ... | ... | ... | ... | ... | 0·27 | |
| PESHAWAR. | Sawábi .. | 17th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 8th Do. ... | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Katlang .. | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 6th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | 3rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 9th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát s | 1st June ... | ... | D.T.H. 0·73 | ... | ... | ... | ... | ... | 0·73 | |
| | Hangu ... | 3rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 11th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 1st June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | 11th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk ... | 19th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | 1st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 10th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | 2nd May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh ... | 1st May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Gházi Khan s | 25th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 7th June ... | R. | 1·02 | ... | ... | ... | ... | ... | 1·02 | |
| | Jampur ... | 24th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 15th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April ... | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | 23rd March ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## Snow fall Report.

Khyber (Peshâwar District). The depth of snow on Tirah hills and Lakhasar during the month of March measured about 1½ to 4 feet and 3 feet respectively.

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 7th JUNE 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 4 | 8 | 12 | 3 | 9 | ... | ... | 5 | 1 | ... | 6 | 1 | 1 | 2 | 29 | 44 |
| 2 | | Hansi ... | 12,656 | 6 | 5 | 11 | 8 | 5 | 3 | ... | ... | 4 | 2 | ... | 2 | 1 | 2 | 3 | 45 | 33 |
| 3 | | Bhiwani ... | 33,762 | 9 | 13 | 22 | 27 | 12 | 15 | ... | ... | 10 | 2 | ... | 15 | 4 | 2 | 6 | 34 | 42 |
| 4 | | Sirsa ... | 12,292 | 3 | ... | 3 | 13 | 7 | 6 | ... | ... | 11 | ... | ... | 2 | 3 | 2 | 5 | 13 | 55 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 2 | 5 | 7 | 7 | 4 | 3 | ... | ... | 2 | 1 | ... | 4 | 3 | 3 | 6 | 23 | 23 |
| 6 | | Jhajjar ... | 11,650 | 2 | 6 | 8 | 9 | 3 | 6 | ... | ... | 4 | 1 | ... | 4 | ... | 1 | 1 | 36 | 40 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 5 | 7 | 12 | 20 | 10 | 10 | ... | ... | 16 | 2 | ... | 2 | 3 | 3 | 6 | 26 | 43 |
| 8 | | Palwal ... | 10,635 | 1 | 1 | 2 | 12 | 7 | 5 | ... | 2 | 8 | 1 | ... | 1 | ... | 1 | 1 | 10 | 59 |
| 9 | Delhi ... | Delhi ... | 117,363 | 41 | 40 | 81 | 140 | 78 | 62 | ... | 5 | 90 | 6 | 1 | 38 | 21 | 12 | 33 | 36 | 62 |
| 10 | | " Suburbs ... | 52,882 | 16 | 16 | 32 | 22 | 12 | 10 | 1 | ... | 15 | 1 | ... | 5 | 1 | 2 | 3 | 32 | 22 |
| 11 | | Sonepat ... | 13,077 | 2 | 8 | 10 | 16 | 6 | 10 | ... | ... | 13 | ... | 1 | 2 | 1 | ... | 1 | 40 | 64 |
| 12 | Karnal ... | Karnal ... | 23,133 | 4 | 7 | 11 | 23 | 14 | 9 | ... | 7 | 9 | 1 | ... | 6 | ... | 1 | 1 | 25 | 52 |
| 13 | | Kaithal ... | 14,754 | 1 | 3 | 4 | 8 | 3 | 5 | ... | 1 | 4 | 3 | ... | ... | ... | ... | ... | 14 | 28 |
| 14 | | Panipat ... | 26,572 | 4 | 3 | 7 | 22 | 11 | 11 | ... | 5 | 6 | 2 | ... | 9 | ... | ... | ... | 14 | 43 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 6 | 12 | 36 | 16 | 20 | ... | 6 | 22 | 2 | ... | 6 | 2 | 1 | 3 | 23 | 70 |
| 16 | | Jagadhri ... | 12,300 | 2 | 4 | 6 | 5 | 3 | 2 | ... | 3 | 1 | ... | ... | 1 | ... | ... | ... | 25 | 21 |
| 17 | | Shahabad ... | 10,218 | 3 | 2 | 5 | 16 | 8 | 8 | ... | ... | 14 | ... | ... | 2 | 2 | 2 | 4 | 26 | 82 |
| 18 | | Sadhaura ... | 10,794 | 2 | ... | 2 | 3 | 1 | 2 | ... | ... | 3 | ... | ... | ... | 1 | 1 | 2 | 10 | 14 |
| 19 | | Rupar ... | 10,326 | 4 | 1 | 5 | 6 | 8 | 3 | ... | ... | 3 | ... | ... | 3 | 1 | ... | 1 | 25 | 30 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 1 | 1 | 2 | 7 | 5 | 2 | ... | ... | 4 | ... | ... | 3 | 1 | ... | 1 | 8 | 28 |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 1 | 7 | 5 | 3 | 2 | ... | ... | 4 | 1 | ... | ... | 1 | ... | 1 | 35 | 25 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 12 | 19 | 31 | 58 | 38 | 20 | ... | ... | 39 | 2 | ... | 17 | ... | 1 | 1 | 52 | 97 |
| 23 | | " Suburbs ... | 11,474 | 5 | 4 | 9 | 13 | 8 | 5 | ... | ... | 8 | 1 | ... | 4 | ... | 1 | 1 | 41 | 59 |
| 24 | | Rahon ... | 11,736 | 3 | 2 | 5 | 4 | 2 | 2 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 22 | 18 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 16 | 13 | 29 | 42 | 21 | 21 | ... | ... | 34 | 1 | ... | 7 | 8 | 5 | 13 | 34 | 50 |
| 26 | | Jagraon ... | 16,873 | 6 | 9 | 15 | 12 | 8 | 4 | ... | ... | 6 | 1 | ... | 5 | 2 | 1 | 3 | 46 | 37 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 6 | 3 | 9 | 17 | 11 | 6 | ... | ... | 14 | 2 | ... | 1 | 1 | 3 | 4 | 22 | 42 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 10 | 11 | 21 | 16 | 11 | 5 | ... | ... | 10 | ... | ... | 6 | ... | 3 | 3 | 34 | 26 |
| 29 | | " Suburbs ... | 25,593 | 5 | 4 | 9 | 9 | 5 | 4 | ... | ... | 4 | ... | ... | 5 | ... | 1 | 1 | 18 | 18 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 23 | 22 | 45 | 59 | 35 | 24 | 1 | ... | 41 | ... | ... | 17 | 9 | 4 | 13 | 24 | 32 |
| 33 | | " Suburbs ... | 41,670 | 3 | 2 | 5 | 25 | 18 | 7 | ... | ... | 11 | 2 | 1 | 11 | 1 | ... | 1 | 6 | 31 |
| 34 | | Kasur ... | 17,336 | ... | 2 | 2 | 6 | 2 | 4 | ... | 1 | 4 | ... | ... | 1 | ... | 1 | 1 | 6 | 18 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 52 | 43 | 95 | 104 | 50 | 54 | ... | 1 | 57 | ... | 2 | 44 | 12 | 8 | 20 | 34 | 38 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 10 | 5 | 15 | 21 | 9 | 12 | ... | 1 | 19 | ... | ... | 1 | 1 | ... | 1 | 32 | 45 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 9 | 9 | 18 | 19 | 11 | 8 | ... | 1 | 8 | 3 | ... | 7 | 3 | 2 | 5 | 28 | 29 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 6 | 2 | 8 | 5 | 4 | 1 | ... | ... | ... | ... | ... | 5 | 1 | ... | 1 | 22 | 14 |
| 39 | | Jalalpur ... | 12,839 | 4 | 3 | 7 | 12 | 5 | 7 | ... | ... | 5 | ... | ... | 7 | 3 | 2 | 5 | 28 | 49 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 6 | 6 | 12 | 24 | 11 | 13 | ... | 2 | 7 | ... | ... | 15 | 3 | 3 | 6 | 27 | 55 |
| 41 | | Wazirabad ... | 16,462 | 6 | 2 | 8 | 7 | 5 | 2 | ... | ... | 5 | ... | ... | 2 | 1 | ... | 1 | 25 | 22 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 4 | 12 | 8 | 3 | 5 | ... | ... | 6 | ... | ... | 2 | 1 | ... | 1 | 41 | 28 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 2 | 4 | 5 | 4 | 1 | ... | ... | 4 | ... | ... | 1 | ... | ... | ... | 13 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 3 | 9 | 9 | 6 | 3 | ... | ... | 7 | 1 | ... | 1 | ... | 1 | 1 | 28 | 28 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 3 | 2 | 5 | 22 | 8 | 14 | ... | ... | 14 | ... | 1 | 7 | 3 | 1 | 4 | 9 | 41 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 10 | 10 | 20 | 38 | 20 | 18 | ... | ... | 23 | 1 | ... | 14 | 3 | 4 | 7 | 18 | 33 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 4 | 11 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 43 | 15 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 3 | 4 | 7 | 12 | 4 | 8 | ... | ... | 5 | 2 | ... | 5 | ... | 5 | 5 | 19 | 33 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 6 | 10 | 7 | 4 | 3 | ... | ... | 6 | ... | ... | 1 | 1 | ... | 1 | 27 | 19 |
| Birth and death rate of London for the week ending 17th May 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·1 | 17·3 |
| | | GRAND TOTAL ... | 1,288,025 | 349 | 329 | 678 | 975 | 519 | 456 | 2 | 35 | 592 | 42 | 6 | 298 | 99 | 81 | 180 | 27 | 39 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 3 | 2 | 5 | 15 | 10 | 5 | ... | 1 | 12 | ... | ... | 2 | ... | 1 | 1 | 21 | 64 |
| | Dharmsala ... | ... ... ... | 3,839 | 2 | 6 | 8 | 3 | ... | 3 | ... | ... | 1 | ... | ... | 2 | ... | 3 | 3 | 109 | 41 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | 2 | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 120 |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The* 26*th June* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 7th June 1890.*

*General results.*—The return is incomplete, the registers for the district of Jhang not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 14,118 against 13,905 in the previous week and 9,865 in the corresponding week of the past year, giving respectively an annual death-rate of 39·9, 39·3 and 27·9 per 1,000 of population. There were 213 more deaths registered than during the previous week, and the death-rate was 11·6 per 1,000 greater than the annual average death-rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 91 deaths registered under the head of cholera against 38 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Gurgaon ... | Rural Circles ... | 7 | |
| Delhi ... | Delhi Suburbs ... | 1 | |
| Do. ... | Rural Circles ... | 67 | |
| Umballa ... | Rural Circle ... | 15 | |
| Lahore ... | Lahore Town ... | 1 | |
| | Total ... | 91 | |

*Small-pox.*—From small-pox 379 deaths were registered against 312 in the previous week and 240 in the corresponding week of the past year.

*Fevers.*—From fevers there were 10,734 deaths against 10,599 in the previous week and 7,031 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 280 deaths against 292 and 297.

*Chest disease.*—Five hundred and thirty-seven against 643 and 517.

*Snake-bite.*—Twelve against 15 and 13.

*Hydrophobia.*—Three against *nil* and 3.

*All other causes.*—Two thousand and eighty-two against 2,006 in the previous week and 1,730 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand eight hundred and twenty deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,568 were males and 1,252 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 975 deaths were registered (519 males and 456 females), giving a death-rate of 39 per mille of population; 678 births were registered (349 males and 329 females), giving a birth-rate of 27 per mille of population. The death-rate of the large Municipal towns is almost exactly the same as that of the Province as a whole, but is 6·5 per 1,000 greater than the average rate of the large towns for the corresponding week of the five-year period 1885—89.

LAHORE:
*The 26th June 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—3-7-90—690.

No. 28 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

**Published by Authority.**

LAHORE, THURSDAY, JULY 10, 1890.

## PART I.
## STATISTICAL.

**WEATHER AND CROP REPORT FOR WEEK ENDING 8th JULY 1890.**

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·61 at Hissar. 0·55 in Fattehábad. 1·81 in Barwála. 0·17 in Sirsa 1·00 in Budhláda. | Fodder still scarce. | Stationary. | Ploughing and sowing continues. | ... |
| 2 | Delhi ... | 0·37 at Sadr. 0·25 in Ballabgarh. 0·20 in Sonepat. | ... | Fluctuating. | Cotton cultivation progressing. More rain wanted. | ... |
| 3 | Umballa ... | 4·22 | ... | Stationary. | Sowings in progress. Locusts passed from north-west to south-east. | ... |
| 4 | Jullundur ... | 0·50 | Fodder insufficient. | Do. | Ploughing in progress. Sugarcane-weeding commenced. | ... |
| 5 | Ferozepore ... | 2·46 in Moga. 0·72 in Zira. 2·57 at Sadr. 2·03 at City. 0·80 in Muktsar. 2·60 in Fazilka. | Fodder ample. | Do. | Ploughings in progress. | ... |
| 6 | Amritsar ... | 5·45 average ... | Fodder sufficient. | Do. | Crops in good condition. Jowár, chari and jhona under cultivation. Locusts appeared in Tahsíls Amritsar and Tarn Taran, but did no damage. No complaint against canal working. | Crops harvested. |
| 7 | Siálkot ... | Good rain throughout. | Do. | Do. | Sowings progressing. | ... |
| 8 | Lahore ... | 5·86 at Lahore. 3·20 in Chunian. 5·63 in Kasúr. 5·50 in Sharakpur. | Do. | Do. | Owing to the recent rains Zamíndárs are sowing in unirrigated lands all over the district. Irrigated crops promising. | ... |
| 9 | Mooltan ... | 0·89 in Mailsi. 1·42 in Shujabad. 1·98 in Mooltan. 0·20 in Kabirwála. | Fodder insufficient in Rawa. | Rising. | Sowings commenced. All canals flowing. | ... |
| 10 | Ráwalpindi ... | 4·11 at Ráwalpindi. 2·60 in Murree. 3·98 in Gujar Khan. 2·50 in Attock. 5·28 in Kahuta. | Fodder sufficient. | Do. | Sowings in progress. | ... |
| 11 | Shahpur ... | Rain fall in Shahpur and Bhera. | Fodder scarce in Thal and Bár. | Stationary. | Crops improved. | ... |
| 12 | D. I. Khan ... | 1·03 | Fodder supply average. | Do. | Condition of crops improved. | ... |
| 13 | Pesháwar ... | 0·85 | Fodder sufficient | Rising. | Floods in Bára. Kharíf sowings benefited. | ... |

*GENERAL REMARKS.*

Rain has fallen throughout the Province. Prices rising in Mooltan, Ráwalpindi and Pesháwar; unsettled in Delhi; stationary elsewhere. Ploughings and sowings of kharíf crops in progress. More rain still wanted in Delhi. Crops are much benefited by the recent rains. Condition of crops good. Locusts appeared in parts of Umballa and Amritsar, but did no damage. Fodder sufficient, except in Hissar, Jullundur and parts of Mooltan and Shahpur.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*w*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
R = Slight rain not metred.
D = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Distr. ct. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending* 1st *June* 1890. | | | | | | | | |
| | | | Monday 26th. | Tuesday 27th. | Wednesday 28th. | Thursday 29th. | Friday 30th. | Saturday 31st. | Sunday 1st. | | |
| Simla. | Barauli ... | 19th May ... | ... | ... | ... | 0·17 | 1·30 | ... | ... | 1·47 | |
| | Simla ... | 21st Do. ... | ... | 0·40 | 0·33 | 0·82 | ... | ... | ... | 1·55 | |
| | Kot Kház ... | 19th Do. ... | ... | 0·15 | 0·20 | 0·23 | ... | ... | ... | 0·58 | |
| | Kotgarh ... | Ditto ... | ... | 0·15 | 0·20 | 0·23 | ... | ... | ... | 0·58 | |
| | | | *Week ending* 15*th June* 1890. | | | | | | | | |
| | | | Monday 9th. | Tuesday 10th. | Wednesday 11th. | Thursday 12th. | Friday 13th. | Saturday 14th. | Sunday 15th. | | |
| Gurdaspur. | Aliwál *C* ... | 28th May ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending* 22*nd January* 1890. | | | | | | | | |
| | | | Monday 16th. | Tuesday 17th. | Wednesday 18th. | Thursday 19th. | Friday 20th | Saturday 21st. | Sunday 22nd. | | |
| Gurgaon. | Tauru ... | 22nd Jany. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 29th JUNE 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of June 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 23rd. | Tuesday 24th. | Wednesday 25th. | Thursday 26th. | Friday 27th. | Saturday 28th. | Sunday 29th. | Total. | Special Remarks. |
| Hissar. | Sirsa | 20th June | ... | 1·03 | ... | 0·02 | ... | ... | ... | 1·05 | Locusts flew over but did no injury. They laid no eggs. |
| | Fatahabad | Ditto | ... | ... | ... | 0·33 | ... | 0·62 | 0·40 | 1·35 | |
| | Barwala | Ditto | ... | 0·37 | ... | 2·75 | 0·26 | 0·09 | ... | 3·47 | |
| | Hissar | Ditto | 0·13 | 0·47 | ... | 0·82 | ... | 0·23 | ... | 1·65 | |
| | Hánsi | 21st June | ... | 0·80 | ... | 2·33 | ... | 1·15 | ... | 4·28 | |
| | Bhiwáni | 11th Do. | ... | 0·57 | ... | 0·96 | ... | 0·87 | ... | 2·40 | |
| | Budhláda | 17th Do. | ... | ... | ... | 0·42 | ... | 0·15 | 0·30 | 0·87 | |
| | Dhaneta *C* | 19th Do. | ... | 0·03 | 1·60 | ... | ... | ... | ... | 1·63 | |
| Rohtak. | Rohtak | 19th June | ... | 0·20 | 0·40 | ... | ... | ... | 0·20 | 0·80 | |
| | Gohána | Ditto | ... | 0·21 | 0·75 | 0·20 | ... | ... | 0·50 | 1·66 | |
| | Sámpla | Ditto | ... | ... | 0·61 | 0·68 | ... | ... | 0·34 | 1·63 | |
| | Jhajjar | Ditto | ... | ... | ... | 3·20 | ... | 0·06 | ... | 3·26 | |
| Gurgaon. | Farukhnagar | 19th June | ... | ... | 0·97 | ... | ... | ... | 0·50 | 1·47 | |
| | Játusána | Ditto | ... | ... | 0·73 | 0·40 | ... | ... | ... | 1·13 | |
| | Rewári | Ditto | 1·10 | ... | 1·10 | ... | 0·60 | 0·10 | ... | 2·90 | |
| | Shahjahánpur | Ditto | 1·00 | 1·50 | ... | 0·30 | 0·20 | ... | ... | 3·00 | |
| | Tauru | 22nd Jany. | ... | ... | 1·90 | ... | ... | ... | ... | 1·90 | |
| | Nuh | 18th June | ... | ... | 4·00 | ... | ... | 0·70 | ... | 4·70 | |
| | Firozpur | 22nd Do. | 2·35 | 0·70 | 3·90 | 0·50 | ... | ... | ... | 7·45 | |
| | Hodal | Ditto | 0·50 | 1·20 | 2·30 | ... | ... | 0·20 | 0·20 | 4·40 | |
| | Hattín | 19th June | 0·95 | 0·88 | 0·90 | 0·80 | ... | 0·40 | ... | 3·93 | |
| | Palwal | 22nd Do. | ... | 0·90 | 1·40 | ... | ... | ... | ... | 2·30 | |
| | Sohna | 4th March | ... | 0·55 | 3·80 | ... | ... | ... | ... | 4·35 | |
| | Gurgaon | 19th June | 0·19 | 0·44 | 1·60 | ... | ... | ... | ... | 2·23 | |
| | Punahána | 22nd Do. | 0·75 | 2·55 | ... | 0·10 | 0·50 | ... | ... | 3·90 | |
| Delhi. | Ballabgarh | 29th May | 1·64 | ... | 0·64 | 2·05 | ... | ... | 0·11 | 4·44 | |
| | Mahrauli | 22nd June | 0·90 | ... | 0·60 | ... | ... | ... | ... | 1·50 | |
| | Sadr (Delhi) | 21st May | 1·06 | 0·12 | 0·85 | ... | ... | ... | ... | 2·03 | |
| | Sonepat | 19th June | ... | ... | 0·64 | 0·14 | ... | ... | 0·02 | 0·80 | |
| Karnal. | Pánipat | 22nd June | ... | 1·30 | 0·20 | ... | ... | ... | ... | 1·50 | |
| | Karnál | 19th Do. | 0·20 | ... | 0·50 | 1·50 | ... | ... | 0·16 | 2·36 | |
| | Rajaund | 9th Do. | ... | 0·40 | 1·10 | ... | ... | ... | ... | 1·50 | |
| | Kaithal | 19th Do. | ... | ... | 2·75 | ... | ... | 0·50 | ... | 3·25 | |
| | Gulah | Ditto | ... | ... | 2·10 | ... | ... | ... | ... | 2·10 | |
| Umballa. | Pipli | 16th June | 0·40 | 0·47 | 0·13 | ... | ... | 0·20 | ... | 1·20 | |
| | Jagádhri | 22nd Do. | ... | 0·02 | 0·09 | ... | ... | ... | ... | 0·11 | |
| | Umballa | 19th Do. | 0·21 | 1·02 | 0·13 | ... | R. | 0·06 | ... | 1·42 | |
| | Naráingarh | 16th Do. | 0·41 | 1·74 | 0·26 | 0·12 | ... | ... | ... | 2·53 | |
| | Kharar | 19th Do. | 0·36 | 0·34 | ... | ... | 0·11 | ... | ... | 0·81 | |
| | Rúpar | 16th Do. | 0·75 | 0·18 | 0·09 | 0·23 | ... | 1·31 | ... | 2·56 | |
| | Kotra *C* | 10th Do. | ... | ... | ... | ... | 0·10 | 0·90 | ... | 1·00 | |
| | Jhodhpur *C* | 19th Do. | ... | 0·22 | ... | 0·15 | ... | ... | 0·50 | 0·87 | |
| | Raniki *C* | 29th April | ... | ... | 2·35 | ... | ... | ... | ... | 2·35 | |
| | Dádapur *C* | 10th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 22nd June | 1·22 | 0·50 | 0·87 | ... | ... | ... | 0·34 | 2·93 | |
| | Barauli | 17th Do. | 4·50 | 0·30 | 1·00 | ... | ... | ... | ... | 5·80 | |
| | Simla | Ditto | 2·18 | 1·12 | 0·45 | ... | ... | ... | 0·72 | 4·47 | |
| | Kot Khái | 22nd June | ... | ... | ... | ... | ... | ... | 0·06 | 0·06 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | 0·06 | 0·06 | |
| | Kilba | 16th June | R. | ... | 0·24 | R.T. | R. | R. | 0·06 | 0·30 | |
| Kangra. | Plách | 22nd June | 0·12 | ... | 0·35 | ... | ... | 0·02 | ... | 0·49 | |
| | Kulu | 10th Do. | ... | ... | 0·20 | ... | ... | 0·15 | ... | 0·35 | |
| | Nagar | 18th Do. | ... | ... | 0·23 | ... | ... | ... | 0·20 | 0·43 | |
| | Pálampur | 20th Do. | 3·25 | 1·71 | 1·12 | 0·02 | 0·04 | 0·14 | 1·67 | 7·95 | |
| | Hamírpur | Ditto | 1·26 | ... | 0·56 | ... | ... | ... | ... | 1·82 | |
| | Dera | Ditto | 0·23 | ... | 0·52 | ... | ... | ... | ... | 0·75 | |
| | Kángra | Ditto | 6·44 | 1·31 | 1·13 | ... | ... | 0·27 | ... | 9·15 | |
| | Dharmsála | Ditto | 0·50 | 1·25 | 0·22 | ... | 0·43 | 1·17 | 0·45 | 4·02 | |
| | Nurpur | 10th June | ... | ... | 0·41 | ... | ... | ... | ... | 0·41 | |
| Hoshiarpur. | Dasúya | 19th June | ... | 0·53 | ... | ... | ... | 0·36 | ... | 0·89 | |
| | Una | 16th Do. | ... | 0·18 | ... | ... | ... | 0·38 | ... | 0·56 | |
| | Garhshankar | 19th Do. | ... | 0·20 | ... | ... | ... | 0·45 | ... | 0·65 | |
| | Sadr Station | Ditto | ... | ... | ... | ... | 0·20 | 0·46 | ... | 0·66 | |
| | Hoshiárpur | Ditto | ... | ... | ... | ... | 0·20 | 0·46 | ... | 0·66 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of June* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 23rd. | Tuesday 24th. | Wednesday 25th. | Thursday 26th. | Friday 27th. | Saturday 28th. | Sunday 29th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 19th June ... | 0·14 | ... | 1·00 | ... | ... | 0·35 | 0 50 | 1·99 | |
| | Nakodar ... | 20th Do. ... | 0·20 | ... | ... | ... | ... | 0·70 | 0 20 | 1·10 | |
| | Phillour ... | Ditto ... | ... | 0·04 | ... | 0·08 | ... | 0 70 | 0·05 | 0·87 | |
| | Nawashahr ... | Ditto ... | ... | ... | 0·60 | 0·05 | ... | 0·34 | 0·48 | 1·47 | |
| Ludhiana. | Samrála ... | 19th June ... | 0·24 | 1·32 | 0·10 | ... | 0·04 | 0·31 | ... | 2·01 | |
| | Ludhiána s | 17th Do. ... | 0·75 | ... | 0·10 | ... | 0·55 | ... | 0·26 | 1·66 | |
| | Jagraon ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | * Statement not received. |
| Ferozepore. | Moga ... | 10th June ... | ... | ... | ... | 0·22 | ... | ... | ... | 0·22 | |
| | Zíra ... | 9th Do. ... | ... | ... | 0·67 | ... | ... | ... | ... | 0·67 | |
| | Ferozepore ... | 10th Do. ... | ... | 0·18 | 0·10 | ... | ... | ... | ... | 0·28 | |
| | Ferozepore city ... | 18th Do. ... | ... | 0·09 | 0·22 | ... | ... | ... | ... | 0·31 | |
| | Muktsar ... | 9th Do. ... | ... | ... | 0·38 | ... | ... | ... | ... | 0·38 | |
| | Fázilka ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0 70 | 0·70 | |
| | Nathána ... | 10th June ... | ... | ... | 0·90 | ... | ... | 1·50 | ... | 2·40 | |
| | Gobindgarh C ... | 19th August ... | ... | ... | R. | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | 24th March ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | 17th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | 2nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 2nd June ... | ... | ... | ... | 0·09 | ... | ... | ... | 0·09 | |
| | Jhang s | 9th Do ... | ... | ... | R. | 2·20 | ... | ... | ... | 2·20 | |
| | Chiniot ... | 20th Do. ... | ... | ... | ... | 3·73 | ... | ... | ... | 3·73 | |
| Montgomery. | Gugera ... | 10th June ... | ... | ... | ... | 1·68 | ... | ... | ... | 1·68 | |
| | Montgomery s | 23rd March ... | ... | ... | 0·33 | ... | ... | ... | ... | 0·33 | |
| | Pákpattan ... | 10th June ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 17th Do. ... | ... | ... | ... | 1·00 | ... | ... | ... | 1·00 | |
| Lahore. | Van C b | 10th June ... | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Chunián ... | 9th Do. ... | ... | ... | 0·08 | ... | ... | 0·06 | 0·05 | 0·19 | |
| | Kasúr ... | 18th Do. ... | ... | 0·03 | 0·67 | ... | ... | ... | ... | 0·70 | |
| | Pambe C ... | 10th Do. ... | ... | ... | ... | 0·42 | ... | ... | ... | 0·42 | |
| | Sharakpur ... | 19th Do. ... | ... | ... | 0·25 | ... | ... | ... | 0·10 | 0·35 | |
| | Niáz Beg C ... | 10th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | Ditto ... | ... | ... | ... | 0 86 | ... | ... | 0·24 | 1·10 | |
| | Meean Meer C b | Ditto ... | ... | ... | 1·75 | ... | ... | ... | ... | 1·75 | |
| | Manihála C ... | 17th June ... | ... | ... | 1·15 | ... | ... | ... | ... | 1·15 | |
| | Dafthu C b | 21st May ... | ... | ... | 0·02 | 0·14 | ... | ... | ... | 0·16 | |
| Amritsar. | Buchar C b | 20th June ... | ... | ... | 0·15 | 0·40 | ... | ... | ... | 0·55 | |
| | Khara C ... | 17th Do. ... | ... | ... | 1·70 | ... | ... | ... | ... | 1·70 | |
| | Tarn Táran ... | 19th Do. ... | ... | ... | 0·39 | 0·06 | ... | ... | ... | 0·45 | |
| | Raya C ... | 17th Do. ... | 0·08 | ... | 0·09 | ... | ... | 0·90 | 0·41 | 1·48 | |
| | Jandiála C ... | Ditto ... | 0·08 | ... | ... | ... | ... | 1·61 | ... | 1·69 | |
| | Jail Hospital s | 19th June ... | ... | 0·10 | 0 04 | ... | 1·00 | 0·18 | ... | 1·32 | |
| | Amritsar Sadr ... | Ditto ... | ... | 0·10 | 0·06 | ... | 0·41 | ... | ... | 0·57 | |
| | Amritsar C ... | 20th June ... | ... | ... | 0·10 | 0·05 | ... | 0·25 | ... | 0·40 | |
| | Buggeh C ... | 19th Do. ... | ... | ... | 0·05 | ... | ... | 0 60 | ... | 0 65 | |
| | Ajnála ... | Ditto ... | ... | 0·25 | ... | ... | 0·20 | ... | 0·31 | 0·76 | |
| Gurdaspur. | Aliwál C ... | 28th May ... | ... | ... | 2·05 | ... | ... | 0·60 | 1·00 | 3·65 | |
| | Batála ... | 22nd June ... | ... | 1·60 | ... | ... | 0·25 | 0 75 | ... | 2 60 | |
| | Kaler C ... | 9th Do. ... | 0 21 | ... | 0·92 | ... | ... | 0·81 | ... | 1·94 | |
| | Tibri C ... | 20th Do. ... | ... | ... | 0·62 | ... | ... | 0·60 | ... | 1 22 | |
| | Gurdaspur s | 19th Do. ... | ... | 2·04 | ... | ... | ... | 0·74 | ... | 2·78 | |
| | Bhímpur C ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot ... | 19th Do. ... | 0·45 | 1·00 | ... | ... | ... | ... | ... | 1·45 | |
| | Dalhousie s | 22nd Do. ... | 0·60 | 0 11 | 0·45 | ... | ... | ... | R. | 1·16 | |
| | Mádhopur C b | 20th Do. ... | ... | ... | 0 15 | ... | ... | ... | ... | 0·15 | |
| | Shakargarh ... | 16th Do. ... | ... | 2·00 | 0·04 | ... | ... | 0·11 | ... | 2·15 | |
| Sialkot. | Zafarwál ... | 17th June ... | ... | ... | 2·80 | ... | ... | ... | ... | 2·80 | |
| | Pasrúr ... | Ditto ... | ... | ... | 0·94 | 0·90 | ... | ... | 0·60 | 2·44 | |
| | Raya ... | 10th June ... | ... | ... | 1·30 | 0·05 | ... | ... | ... | 1 35 | |
| | Daska ... | 17th Do. ... | ... | ... | 1·30 | ... | ... | ... | ... | 1·30 | |
| | Siálkot s | 19th Do. ... | ... | ... | 1·00 | ... | ... | ... | ... | 1·00 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of June 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 23rd. | Tuesday 24th. | Wednesday 25th. | Thursday 26th. | Friday 27th. | Saturday 28th. | Sunday 29th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 17th June | ... | ... | 3·08 | 0·06 | ... | ... | ... | 3·14 | |
| | Gujrát | Ditto | ... | ... | 3·30 | 0·06 | ... | ... | ... | 3·36 | |
| | Khárián | Ditto | ... | ... | 0·84 | 0·06 | ... | ... | ... | 0·90 | |
| | Phália | 10th June | ... | ... | 0·90 | ... | ... | ... | ... | 0·90 | |
| Gujranwala. | Rámnagar | 9th June | ... | 1·16 | ... | ... | ... | ... | 1·86 | 3 02 | The recent rains have done much good. Kharíf ploughings in full progress. Fodder sufficient. Prices stationary. |
| | Wazirabad | 16th Do. | 1·75 | 0·10 | ... | ... | ... | ... | 0·10 | 1·95 | |
| | Sadr Kacheri s | 19th Do. | ... | 1·05 | ... | ... | ... | ... | 0·46 | 1·51 | |
| | Shekhupura | 10th Do. | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Háfizabad | 9th Do. | ... | 0·22 | ... | ... | ... | ... | 2·30 | 2 52 | |
| | Meluána C | 10th Do. | ... | ... | 1·20 | ... | ... | ... | ... | 1·20 | |
| | Shahkot C | Ditto | ... | ... | 1·70 | 0·50 | ... | ... | ... | 2·20 | |
| Shahpur. | Midh s | 10th June | 0·50 | ... | ... | 0·27 | ... | ... | ... | 0·77 | |
| | Sahiwál | 8th Do. | ... | ... | 1 93 | ... | ... | ... | ... | 1·93 | |
| | Núrpur | 11th Do. | ... | ... | 3 00 | ... | ... | ... | ... | 3·00 | |
| | Mitha Tiwána | 8th Do. | ... | ... | 0·21 | 0·30 | ... | ... | ... | 0·51 | |
| | Sakesar | 18th Do. | ... | ... | 1 02 | ... | ... | ... | ... | 1·02 | |
| | Naushahra | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | 8th Do. | ... | ... | 0·95 | ... | ... | ... | ... | 0 95 | |
| | Shahpur s | 18th Do. | ... | 0·60 | 0 56 | ... | ... | ... | ... | 1·16 | |
| | Bhera | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 20th June | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Sadr Station s | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb | 19th May | 0·11 | 0·22 | ... | ... | ... | ... | ... | 0·33 | |
| | Fatahjang | 17th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | Ditto | ... | ... | ... | ... | 0·20 | 0·02 | ... | 0·22 | |
| | Gujar Khan | 8th June | 0·30 | 0·57 | ... | ... | ... | ... | ... | 0·87 | |
| | Kahúta | 10th Do. | 0·20 | ... | ... | 0 23 | 0·41 | ... | ... | 0·84 | |
| | Murree s | 17th Do. | ... | 0 50 | 0·20 | ... | ... | 0·30 | ... | 1·00 | |
| Hazara. | Abbott-abad s | 17th June | ... | 0·21 | 0·06 | ... | ... | 0·16 | ... | 0·43 | |
| | Mansahra | Ditto | ... | 0·31 | 0·02 | ... | ... | ... | ... | 0·33 | |
| | Haripur | Ditto | ... | 0·43 | ... | ... | ... | 0·70 | ... | 1·13 | |
| Peshawar. | Sawábi | 17th May | ... | ... | 0·20 | ... | ... | 0·70 | ... | 0·90 | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 19th May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | 16th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 6th May | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Doab Daudzai | 3rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 9th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát s | 17th June | ... | D.T. 0·21 | ... | ... | ... | ... | ... | 0·21 | |
| | Hangu | 3rd Do. | ... | ... | 0·50 | 0·20 | 0·30 | ... | ... | 1·00 | |
| | Thal | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 11th June | ... | ... | 1·52 | ... | ... | ... | ... | 1·52 | |
| Bannu. | Miánwáli | 24th March | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Isa Khel | 26th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 19th May | ... | ... | ... | 1 03 | ... | ... | ... | 1·03 | |
| | Kuláchi | 1st Do. | ... | ... | ... | 1·03 | ... | ... | ... | 1·03 | |
| | D. I. Khan s | 10th June | ... | ... | ... | 0 91 | ... | ... | ... | 0·91 | |
| | Bhakkar | 2nd May | ... | ... | ... | 0·57 | ... | ... | ... | 0 57 | |
| | Leiah | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan s | 25th April | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Fort Munro s | 17th June | ... | ... | ... | R. | 0·03 | R. | R. | 0·03 | |
| | Jámpur | 24th April | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | 23rd March | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissár ... | 18 | 17 | 18 | 24 | 24 | 25 | ... | ... | ... | 10 | 10 | 10 | 20 | 20 | 22 | 21 | 20 | 20 |
| Rohtak ... | 17 | 17 | 18 | 20 | 20 | 27 | ... | ... | ... | 10 | 10 | 11 | 19 | 19 | 25 | 18 | 18 | 22 |
| Gurgaon ... | 18 | 17 | 17 | 22 | 21 | 24 | ... | ... | ... | 10 | 10 | 11 | 18 | 20 | 19 | 19 | 18 | 18 |
| Delhi ... | 17 | 17 | 17 | 21 | 21 | 23 | ... | ... | ... | 12 | 12 | 10 | 17 | 17 | 19 | 17 | 17 | 17 |
| Karnál ... | 17 | 18 | 17 | 23 | 24 | 26 | ... | ... | ... | 11 | 11 | 12 | 16 | 18 | 24 | 16 | 16 | 18 |
| Umballa ... | 19 | 19 | 21 | 23 | 23 | 26 | ... | ... | ... | 12 | 13 | 10 | 19 | 19 | 21 | 20 | 20 | 16 |
| Simla ... | 12 | 12 | 14 | 16 | 16 | 19 | ... | ... | ... | 8 | 8 | 9 | 15 | 13 | 16 | 13 | 13 | 13 |
| Kángra ... | 16 | 16 | 19 | 23 | 23 | 28 | ... | ... | ... | 11 | 11 | 12 | 12 | 12 | 13 | 10 | 10 | 10 |
| Hoshiárpur ... | 20 | 19 | 22 | 30 | 31 | 32 | ... | ... | ... | 10 | 10 | 12 | 19 | 19 | 23 | 19 | 20 | 16 |
| Jullundur ... | 21 | 21 | 22 | 30 | 30 | 32 | ... | ... | ... | 8 | 8 | 8 | 20 | 20 | 22 | 19 | 19 | 27 |
| Ludhiána ... | 20 | 20 | 21 | 27 | 26 | 32 | ... | ... | ... | 12 | 12 | 10 | 23 | 21 | 32 | 22 | 22 | 22 |
| Ferozepore ... | 20 | 20 | 20 | 32 | 30 | 33 | ... | ... | ... | 10 | 10 | 9 | 21 | 21 | 22 | 20 | 20 | ‡ |
| Mooltan ... | 17 | 17 | 16 | 27 | 27 | 23 | ... | ... | ... | 12 | 13 | 12 | 23 | 22 | 24 | 23 | 23 | 18 |
| Jhang ... | 18 | 18 | 21 | 24 | 24 | 29 | ... | ... | ... | 9 | 9 | 10 | 16 | 16 | 20 | 19 | 20 | 16 |
| Montgomery... | 17 | 16 | 19 | 26 | 26 | 23 | ... | ... | ... | 10 | 9 | 9 | 18 | 20 | 18 | 16 | 16 | 15 |
| Lahore ... | 19 | 19 | 18 | 28 | 29 | 32 | ... | ... | ... | 11 | 11 | 9 | 19 | 19 | 24 | 18 | 18 | 17 |
| Amritsar ... | 20 | 20 | 21 | 29 | 30 | 29 | ... | ... | ... | 10 | 10 | 10 | 19 | 19 | 23 | 17 | 17 | 17 |
| Gurdáspur ... | 20 | 18 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 16 | 16 | 22 | 14 | 14 | 14 |
| Siálkot ... | 18 | 17 | 20 | 28 | 29 | 31 | ... | ... | ... | 10 | 12 | 11 | 18 | 20 | 22 | 20 | 20 | 21 |
| Gujrát ... | 20 | 20 | 22 | 29 | 30 | 34 | ... | ... | ... | 11 | 11 | 10 | 22 | 26 | 23 | 22 | 22 | 21 |
| Gujránwála ... | 18 | 18 | 18 | 26 | 26 | 32 | ... | ... | ... | 12 | 12 | 9 | 17 | 17 | 22 | 14 | 14 | 16 |
| Shahpur ... | 19 | 19 | 24 | 28 | 28 | 36 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 24 | 23 | 23 | 25 |
| Jhelum ... | 20 | 19 | 23 | 28 | 31 | 32 | ... | ... | ... | 12 | 12 | 9 | 22 | 22 | 22 | 22 | 24 | 20 |
| Ráwalpindi ... | 19 | 19 | 20 | 32 | 36 | 34 | ... | ... | ... | 9 | 9 | 11 | 27 | 32 | 20 | 25 | 28 | 17 |
| Hazára ... | 20 | 21 | 20 | 32 | 39 | 30 | ... | ... | ... | 12 | 12 | 11 | § | § | § | 16 | § | 16 |
| Pesháwar ... | 18 | 20 | 22 | 30 | 40 | 43 | ... | ... | ... | 11 | 11 | 10 | 27 | 29 | 28 | 24 | 24 | 15 |
| Kohát ... | 22 | 21 | 24 | 36 | 33 | 42 | ... | ... | ... | 15 | 16 | 11 | 31 | 30 | 29 | 31 | 33 | 17 |
| Bannu ... | 28 | 27 | 32 | 51 | 49 | 33 | ... | ... | ... | 13 | 13 | 10 | 40 | 40 | 32 | 31 | 30 | 17 |
| D. I. Khan ... | 21 | 21 | 21 | 36 | 36 | 37 | ... | ... | ... | 8 | 8 | 7 | 28 | 28 | 22 | 27 | 28 | 21 |
| D. G. Khan ... | 17 | 17 | 17 | 23 | 24 | 25 | ... | ... | ... | 8 | 8 | 9 | 25 | 25 | 25 | 24 | 24 | 19 |
| Muzaffargarh | 17 | 16 | 18 | 25 | 25 | 27 | ... | ... | ... | 15 | 13 | 13 | 16 | 16 | 20 | 16 | 16 | 20 |

‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th JUNE 1890.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | | REMARKS ON CURRENT VARIATIONS. |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Katlalay or Sunaga (Cicer Arietinum).* | | | |
| Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 24 | 25 | 25 | |
| † | † | † | 16 | 16 | 16 | 22 | 22 | 26 | |
| † | † | † | † | † | † | 22 | 21 | 23 | |
| † | † | † | 13 | 13 | 12 | 21 | 21 | 23 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 22 | 26 | |
| 20 | 20 | 20 | 8 | 8 | 10 | 24 | 24 | 28 | |
| 17 | 18 | 24 | 10 | 10 | 8 | 14 | 14 | 18 | |
| | | | | | | | | | |
| 20 | 20 | 28 | 6 | § | ‡ | 16 | 15 | 21 | |
| 12 | 13 | 12 | 16 | 16 | 24 | 22 | 22 | 28 | |
| ‡ | ‡ | ‡ | 20 | 20 | 18 | 23 | 23 | 27 | |
| † | † | † | 20 | 20 | 21 | 26 | 25 | 29 | |
| † | † | † | 21 | 20 | 16 | 26 | 27 | 28 | |
| | | | | | | | | | |
| † | † | † | 26 | 26 | 24 | 21 | 21 | 21 | |
| 21 | 21 | 20 | 20 | 22 | 20 | 18 | 17 | 19 | |
| § | § | § | 28 | 30 | 28 | 22 | 21 | 23 | |
| § | § | § | 26 | 26 | 20 | 24 | 24 | 27 | |
| † | † | † | 19 | 17 | 27 | 25 | 25 | 27 | |
| † | † | † | 12 | 12 | 16 | 23 | 22 | 24 | |
| | | | | | | | | | |
| § | § | § | 25 | 25 | 19 | 23 | 23 | 27 | |
| † | † | † | 12 | 12 | 12 | 23 | 22 | 26 | |
| † | † | § | 16 | 16 | 16 | 23 | 23 | 28 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 24 | 24 | 30 | |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 23 | 23 | 26 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 21 | 23 | 24 | |
| | | | | | | | | | |
| † | † | † | 16 | § | 8 | 20 | 21 | 20 | |
| † | † | † | 22 | 22 | 22 | 19 | 20 | 22 | |
| † | † | † | 29 | 33 | ‡ | 23 | 22 | 21 | |
| | | | | | | | | | |
| 6 | ‡ | 8 | 6 | 6 | 8 | 32 | 33 | 32 | |
| § | § | § | 6 | 6 | 6 | 28 | 29 | 26 | |
| § | § | § | § | § | § | 21 | 21 | 21 | |
| § | § | § | § | § | § | 19 | 19 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | |
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 30th June 1890. | | Past fortnight ending 15th June 1890. | | Corresponding fortnight of 1889. | |
| District. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 105 | 11 2 | 11 0 | 11 4 | 11 0 | 9 4 | 9 0 |
| Rohtak ... | 16 | 16 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 11 0 | 11 0 | 11 0 |
| Gurgaon ... | 18 | 20 | 20 | 24 | 24 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 13 | 15 | 19 | 23 | 23 | 24 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 18 | 20 | 30 | 20 | 20 | 20 | 160 | 160 | 160 | 10 0 | 9 8 | 11 0 | 10 8 | 10 8 | 10 0 |
| Umballa ... | 23 | 24 | 32 | 20 | 20 | 19 | 160 | 160 | 120 | 13 0 | 12 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 15 | 16 | 20 | 10 | 10 | 9 | 65 | 65 | 60 | 8 4 | 7 12 | 9 0 | 8 7 | 9 12 | 8 8 |
| Kángra ... | 18 | 18 | 25 | 13 | 12 | 13 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ... | 10 0 |
| Hoshiárpur ... | 24 | 25 | 28 | 14 | 16 | 17 | 115 | 115 | 100 | 13 4 | 13 2 | 13 4 | 13 2 | 13 0 | 12 12 |
| Jullundur ... | 28 | 28 | 32 | ‡ | ‡ | ‡ | 110 | 110 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 25 | 25 | 32 | 14 | 14 | 14 | 110 | 110 | 110 | 13 0 | 12 0 | 13 0 | 12 8 | 13 0 | 13 0 |
| Ferozepore ... | 22 | 21 | 23 | 12 | 12 | 10 | 100 | 100 | 100 | 13 8 | 13 4 | 13 8 | 13 4 | 13 8 | 13 0 |
| Mooltan ... | 22 | 22 | 24 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Jhang ... | 16 | 21 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 20 | 18 | 16 | 12 | 12 | 12 | 220 | 220 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 20 | 20 | 24 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 17 | 25 | 23 | † | † | † | 90 | 90 | 90 | 13 0 | 13 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Gurdáspur ... | 20 | 21 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 25 | 25 | 25 | 12 | 14 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 26 | 25 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 27 | 27 | 20 | † | † | § | 85 | 85 | 100 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 24 | ‡ | ‡ | ‡ | 240 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 27 | 28 | 21 | 11 | 11 | ‡ | 120 | 130 | 160 | 14 0 | 14 0 | 14 0 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 28 | 19 | 20 | 26 | 16 | 20 | 86 | 88 | 92 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 32 | 30 | 22 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 30 | 33 | 28 | 29 | 29 | 22 | 105 | 105 | 102 | 42 0 | 40 0 | 42 0 | 40 0 | 43 0 | 41 0 |
| Kohát ... | 31 | 33 | 20 | 25 | 25 | † | 145 | 145 | 125 | 65 0 | 60 0 | 64 0 | 60 0 | 65 0 | 60 0 |
| Bannu ... | 40 | 50 | 32 | 15 | 15 | 12 | 60 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | ‡ | ‡ | 17 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 28 0 | 27 0 | 28 0 | 27 0 | 26 0 | 25 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th JUNE 1890—concluded.**

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C | Srs. C. | Srs. C. |
| 8 8 | 9 0 | 13 8 | 6 0 | 6 0 | 6 0 |
| 10 0 | 10 0 | 15 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 14 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 7 0 | 8 0 | 7 0 | 7 0 | 7 0 |
| 9 8 | 9 8 | 13 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | § | 8 0 |
| 5 0 | 5 2 | 6 8 | † | † | 2 0 |
| 7 0 | 7 0 | 10 0 | 8 0 | 7 0 | 8 0 |
| 7 4 | 7 4 | 14 0 | 7 12 | 7 2 | 8 0 |
| 10 0 | 8 0 | 14 0 | 8 0 | 7 0 | 7 0 |
| 8 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 13 0 | 7 0 | 7 8 | 8 8 |
| 8 8 | 8 12 | 10 0 | 7 0 | 7 0 | 6 0 |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 12 | 8 4 | 12 0 | 9 0 | 9 0 | 9 0 |
| 7 0 | 7 0 | 12 0 | 8 1 | 8 1 | 7 2 |
| 9 0 | 8 0 | 13 0 | 8 0 | 8 0 | 7 0 |
| 8 8 | 8 8 | 15 8 | 8 0 | 8 0 | 8 0 |
| 10 0 | 10 0 | 16 0 | 7 0 | 8 0 | 8 0 |
| 9 8 | 9 0 | 13 8 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 9 0 | 13 0 | 7 0 | 7 0 | 8 0 |
| 8 0 | 9 4 | 12 4 | 10 0 | 10 0 | 8 0 |
| 8 0 | 9 0 | 8 8 | § | § | § |
| 7 10 | 7 6 | 9 8 | 8 12 | 8 12 | 7 4 |
| 11 8 | 9 0 | 9 0 | 8 12 | 8 12 | 10 0 |
| 11 4 | 11 0 | 14 0 | 8 12 | 7 8 | 8 12 |
| 9 12 | 9 12 | 12 0 | ‡ | 9 0 | 8 12 |
| 6 9 | 6 9 | 9 1 | 7 8 | 7 8 | 8 0 |
| 8 8 | 9 0 | 11 0 | 8 0 | 8 0 | 8 0 |

## REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 124 seers as compared with 122 seers in last fortnight and 123 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. Seers. | Last fortnight. Seers. | This fortnight. Seers. |
|---|---|---|---|
| Umballa ... | 120 | 160 | 160 |
| Hoshiárpur ... | 100 | 115 | 115 |
| Montgomery ... | 2[illegible]0 | 220 | 220 |
| Siálkot ... | 160 | 120 | 120 |
| Kohát ... | 125 | 145 | 145 |
| D. I. Khan ... | 112 | 125 | 125 |

*Lahori Salt.*—Prices average 12 seers 2 chataks as compared with 12 seers 3 chataks in last fortnight and 12 seers 2 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. Srs. C. | Last fortnight. Srs. C. | This fortnight. Srs. C. |
|---|---|---|---|
| Hissar ... | 9 0 | 11 0 | 11 0 |
| Ludhiána ... | 13 0 | 12 8 | 12 0 |
| Mooltan ... | 12 0 | 13 0 | 13 0 |
| Siálkot ... | 13 0 | 14 0 | 14 0 |

*Kohát Salt.*—Prices average 41 seers 13 chataks as compared with 41 seers 13 chataks in last fortnight and 42 seers in corresponding period of 1889. The following are the chief variations—

| | Same fortnight in 1889. Seers. | Last fortnight. Seers. | This fortnight. Seers. |
|---|---|---|---|
| Pesháwar ... | 41 | 40 | 40 |
| D. G. Khan ... | 25 | 27 | 27 |

*Gur.*—Prices average 8 seers 12 chataks as compared with 8 seers 9 chataks in last fortnight and 12 seers 4 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. Srs. C. | Last fortnight. Srs C. | This fortnight. Srs. C. |
|---|---|---|---|
| Hissar ... | 13 8 | 9 0 | 8 8 |
| Hoshiárpur ... | 14 0 | 7 4 | 7 4 |
| Gurdaspur ... | 15 8 | 8 8 | 8 8 |
| Siálkot ... | 16 0 | 10 0 | 10 0 |
| Kohát ... | 9 0 | 9 0 | 11 8 |
| Bannu ... | 14 0 | 11 0 | 11 4 |

*Cotton (Unginned).*—Prices average 8 seers as compared with 7 seers 15 chataks in last fortnight and 7 seers 13 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. Srs. C. | Last fortnight. Srs. C. | This fortnight. Srs. C. |
|---|---|---|---|
| Gurgaon ... | 8 0 | 9 0 | 9 0 |
| Ferozepore ... | 8 8 | 7 8 | 7 0 |
| Amritsar ... | 7 0 | 8 0 | 8 0 |
| Ráwalpindi ... | 8 0 | 10 0 | 10 0 |
| Peshawar ... | 7 4 | 8 12 | 8 12 |
| D. G. Khan ... | 8 0 | 7 8 | 7 8 |

† Not produced.
‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 18 | 18 | 22 | 22 | 24 | ... | ... | ... | 13 | 13 | 11 | 18 | 18 | 20 | 18 | 18 | 18 | † | † | † |
| Ferozepore ... | 20 | 20 | 20 | 32 | 30 | 33 | ... | ... | ... | 10 | 10 | 9 | 21 | 21 | 22 | 20 | 20 | ‡ | † | † | † |
| Mooltan ... | 17 | 17 | 16 | 27 | 27 | 24 | ... | ... | ... | 13 | 13 | 13 | 23 | 23 | 25 | 23 | 23 | 19 | † | † | † |
| Lahore ... | 20 | 20 | 19 | 30 | 30 | 34 | ... | ... | ... | 11 | 12 | 10 | 20 | 20 | 25 | 19 | 19 | 18 | § | § | § |
| Amritsar ... | 21 | 21 | 21 | 30 | 31 | 30 | ... | ... | ... | 11 | 11 | 10 | 20 | 20 | 24 | 18 | 18 | 17 | † | † | † |
| Peshâwar ... | 19 | 21 | 23 | 31 | 42 | 45 | ... | ... | ... | 12 | 12 | 10 | 28 | 30 | 29 | 25 | 25 | 16 | † | † | † |

† Not produced.
‡ Not sold.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 30th JUNE 1890.**

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th June 1890. | Past fortnight ending 15th June 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 13 | 22 | 22 | 24 | 14 | 16 | 20 | 24 | 24 | 25 | 9 0 | 8 0 | 9 0 | 7 8 | 7 0 | 8 0 | |
| 21 | 20 | 16 | 27 | 27 | 28 | 22 | 21 | 23 | 12 | 12 | 10 | 8 0 | 8 0 | 13 0 | 7 0 | 7 8 | 8 8 | |
| 27 | 27 | 25 | 21 | 21 | 22 | 23 | 23 | 25 | † | † | † | 9 0 | 9 0 | 11 0 | 7 8 | 7 0 | 6 4 | |
| 27 | 27 | 21 | 25 | 25 | 28 | 21 | 21 | 25 | 13 | 13 | 13 | 7 8 | 7 8 | 13 0 | 8 3 | 8 3 | 7 6 | |
| 20 | 18 | 28 | 25 | 25 | 28 | 18 | 26 | 24 | † | † | † | 9 4 | 8 9 | 13 0 | 8 0 | 8 0 | 7 8 | |
| 23 | 23 | 23 | 20 | 21 | 23 | 31 | 34 | 29 | 30 | 30 | 23 | 7 13 | 7 8 | 9 14 | 9 0 | 9 0 | 7 8 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | *Cholera.* Males. | *Cholera.* Females. | *Cholera.* Total. | Small-pox. *Children under one year.* Males. | Small-pox. *Children under one year.* Females. | Small-pox. *One to under 12 years.* Males. | Small-pox. *One to under 12 years.* Females. | Small-pox. *Twelve and over 12 years.* Males. | Small-pox. *Twelve and over 12 years.* Females. | Total of Small-pox. | CAUSE — *Fevers.* Males. | *Fevers.* Females. | *Fevers.* Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 672,569 | 1,361 | 2,827 | 24 | 49 | 2 | ... | 2 | 3 | 4 | 13 | 9 | 1 | ... | 30 | 1,270 | 1,102 | 2,372 |
| 2 | Rohtak ... | 553,609 | 1,155 | 2,116 | 25 | 45 | ... | ... | ... | 3 | ... | 4 | 2 | ... | ... | 9 | 1,003 | 853 | 1,856 |
| 3 | Gurgaon ... | 641,848 | 1,490 | 2,671 | 27 | 49 | 5 | 2 | 7 | 21 | 8 | 62 | 52 | ... | 1 | 144 | 1,113 | 966 | 2,079 |
| 4 | Delhi ... | 643.515 | 1.558 | 2.756 | 29 | 50 | 36 | 18 | 54 | ... | 1 | 3 | 4 | 2 | ... | 10 | 1,051 | 1,004 | 2,055 |
| 5 | Karnál ... | 645,298 | 2,018 | 2,983 | 37 | 54 | ... | ... | ... | 33 | 23 | 107 | 60 | ... | 1 | 224 | 1,122 | 1,018 | 2,140 |
| 6 | Umballa ... | 1,032,665 | 2,186 | 2,840 | 25 | 32 | ... | ... | ... | 19 | 23 | 70 | 51 | 2 | 1 | 166 | 1,155 | 1,017 | 2,172 |
| 7 | Simla ... | 42,945 | 60 | 81 | 16 | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32 | 19 | 51 |
| 8 | Kángra ... | 730,845 | 2,330 | 2,679 | 38 | 43 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 2 | 1,049 | 976 | 2,025 |
| 9 | Hoshiárpur | 901,381 | 3,275 | 3.362 | 43 | 44 | ... | ... | ... | ... | 2 | ... | 5 | 2 | ... | 9 | 1,334 | 1,238 | 2,572 |
| 10 | Jullundur ... | 789,555 | 2,615 | 2.841 | 39 | 42 | ... | ... | ... | 3 | 1 | 3 | 1 | 2 | 1 | 11 | 1,103 | 1,046 | 2,149 |
| 11 | Ludhiána ... | 618,835 | 1,739 | 2.064 | 33 | 39 | ... | ... | ... | 12 | 6 | 33 | 17 | 5 | 3 | 76 | 797 | 679 | 1,476 |
| 12 | Ferozepore | 747,329 | 2,071 | 2,346 | 33 | 37 | ... | ... | ... | 10 | 7 | 39 | 29 | ... | 3 | 88 | 925 | 717 | 1,642 |
| 13 | Mooltan ... | 551,964 | 1,100 | 1,310 | 23 | 28 | ... | ... | ... | ... | 1 | 1 | 1 | ... | 2 | 5 | 544 | 478 | 1,022 |
| 14 | Jhang ... | 395,296 | 885 | 679 | 26 | 20 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 2 | 190 | 200 | 390 |
| 15 | Montgomery | 426,529 | 1,223 | 861 | 34 | 24 | ... | ... | ... | 7 | 6 | 11 | 5 | 1 | 2 | 32 | 279 | 202 | 481 |
| 16 | Lahore ... | 924,106 | 2,481 | 2,652 | 32 | 34 | ... | ... | ... | 3 | 1 | 17 | 12 | 3 | 2 | 38 | 1,030 | 843 | 1,873 |
| 17 | Amritsar ... | 893,266 | 2,641 | 3.570 | 35 | 47 | ... | ... | ... | 5 | 4 | 28 | 19 | 3 | ... | 59 | 1,305 | 1,151 | 2,456 |
| 18 | Gurdáspur | 823,695 | 2,500 | 3.267 | 36 | 47 | ... | ... | ... | 12 | 4 | 18 | 24 | 2 | 4 | 64 | 1,304 | 1,103 | 2,407 |
| 19 | Siálkot ... | 1,012,148 | 3,439 | 4,207 | 40 | 49 | ... | ... | ... | 39 | 40 | 111 | 112 | 17 | 12 | 331 | 1,217 | 1,104 | 2,321 |
| 20 | Gujrát ... | 689,115 | 1,936 | 1,934 | 33 | 33 | ... | ... | ... | 10 | 8 | 29 | 29 | 1 | ... | 77 | 715 | 617 | 1,332 |
| 21 | Gujránwála | 616,892 | 1,657 | 1,729 | 32 | 33 | ... | ... | ... | 2 | 1 | 5 | 10 | 1 | 2 | 21 | 703 | 594 | 1,297 |
| 22 | Shahpur ... | 421,508 | 1,196 | 788 | 33 | 22 | ... | ... | ... | 1 | 1 | 2 | 3 | ... | 1 | 8 | 275 | 250 | 525 |
| 23 | Jhelum ... | 589,373 | 1,483 | 1,318 | 30 | 26 | ... | ... | ... | ... | 3 | 1 | 3 | 1 | 2 | 10 | 492 | 509 | 1,001 |
| 24 | Ráwalpindi | 820,512 | 2,065 | 2,389 | 30 | 34 | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 | 1,074 | 904 | 1,978 |
| 25 | Hazára ... | 407,075 | 1,263 | 786 | 37 | 23 | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 | 348 | 297 | 645 |
| 26 | Peshávar ... | 592,674 | 576 | 903 | 11 | 18 | ... | ... | ... | 1 | 3 | 14 | 6 | ... | ... | 24 | 424 | 351 | 775 |
| 27 | Kohát ... | 181,540 | 327 | 352 | 21 | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 167 | 147 | 314 |
| 28 | Bannu ... | 332,577 | 446 | 878 | 16 | 31 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 454 | 356 | 810 |
| 29 | D. I. Khan | 441,649 | 488 | 1,059 | 13 | 28 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 502 | 468 | 970 |
| 30 | D. G. Khan | 363,346 | 310 | 594 | 10 | 19 | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 | 326 | 237 | 563 |
| 31 | Muzaffargarh | 338,605 | 682 | 796 | 24 | 28 | ... | ... | ... | ... | ... | 2 | 4 | ... | ... | 6 | 417 | 344 | 761 |
| | TOTAL ... | 18,842,264 | 48,556 | 59,638 | 30 | 37 | 43 | 20 | 63 | 184 | 147 | 578 | 462 | 46 | 37 | 1,454 | 23,720 | 20,790 | 44,510 |
| | Total in previous month ... | ... | 46,461 | 49,905 | 30 | 32 | 6 | 1 | 7 | 152 | 111 | 446 | 441 | 33 | 31 | 1,214 | 19,688 | 16,149 | 35,837 |
| | Total in same month of past year ... | ... | 47,835 | 42,549 | 30 | 27 | 96 | 82 | 178 | 155 | 114 | 325 | 298 | 41 | 36 | 969 | 15,498 | 13,892 | 29,390 |

SANITARY COMMISSIONER'S OFFICE, LAHORE:
*The* 1st *July* 1890.

THE MONTH OF MAY 1890.

*the Punjab during the month of May* 1890.

OF DEATH.

| *Bowel complaints.* | | | INJURIES. *Suicide.* | | | *Wounding.* | | | *Accidents.* | | | *Snake-bite and killed by wild beasts.* | | | *All other causes.* | | | TOTAL DEATHS FROM ALL CAUSES. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 24 | 15 | 39 | ... | 2 | 2 | 1 | ... | 1 | 5 | 3 | 8 | ... | ... | ... | 199 | 174 | 373 | 1,518 | 1,309 | 2.827 |
| 8 | 6 | 14 | ... | 3 | 3 | 2 | ... | 2 | 4 | 6 | 10 | 2 | ... | 2 | 129 | 91 | 220 | 1,155 | 961 | 2,116 |
| 38 | 20 | 58 | 2 | 6 | 8 | ... | ... | ... | 5 | 8 | 13 | 1 | 1 | 2 | 224 | 136 | 360 | 1,471 | 1,200 | 2,671 |
| 40 | 23 | 63 | 1 | 2 | 3 | 1 | ... | 1 | 9 | 12 | 21 | 1 | 3 | 4 | 321 | 224 | 545 | 1,465 | 1,291 | 2,756 |
| 28 | 23 | 51 | 1 | ... | 1 | ... | ... | ... | 2 | 1 | 3 | ... | ... | ... | 339 | 225 | 564 | 1,632 | 1,351 | 2,983 |
| 47 | 21 | 68 | ... | 1 | 1 | 1 | ... | 1 | 12 | 11 | 23 | 2 | 2 | 4 | 221 | 184 | 405 | 1,529 | 1,311 | 2,840 |
| ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 17 | 12 | 29 | 49 | 32 | 81 |
| 75 | 66 | 141 | 1 | 3 | 4 | ... | ... | ... | 16 | 3 | 19 | ... | ... | ... | 280 | 208 | 488 | 1,423 | 1,256 | 2,679 |
| 64 | 36 | 100 | 1 | 3 | 4 | ... | ... | ... | 16 | 2 | 18 | 2 | ... | 2 | 356 | 301 | 657 | 1,775 | 1,587 | 3,362 |
| 29 | 26 | 55 | 1 | ... | 1 | ... | ... | ... | 7 | 8 | 15 | 3 | 3 | 6 | 326 | 278 | 604 | 1,477 | 1,364 | 2,841 |
| 13 | 6 | 19 | ... | ... | ... | ... | ... | ... | 7 | 5 | 12 | ... | 1 | 1 | 266 | 214 | 480 | 1,133 | 931 | 2,064 |
| 21 | 8 | 29 | ... | 1 | 1 | 2 | ... | 2 | 3 | 2 | 5 | 2 | ... | 2 | 307 | 270 | 577 | 1,309 | 1,037 | 2 346 |
| 18 | 12 | 30 | ... | ... | ... | ... | ... | ... | 9 | 1 | 10 | 5 | 1 | 6 | 132 | 105 | 237 | 709 | 601 | 1,310 |
| 12 | 4 | 16 | 1 | ... | 1 | ... | 1 | 1 | 12 | 6 | 18 | 1 | 3 | 4 | 131 | 116 | 247 | 349 | 330 | 679 |
| 4 | 3 | 7 | ... | 1 | 1 | ... | 1 | 1 | 1 | 3 | 4 | 4 | 2 | 6 | 179 | 150 | 329 | 486 | 375 | 861 |
| 31 | 17 | 48 | ... | ... | ... | 2 | 1 | 3 | 19 | 5 | 24 | 3 | ... | 3 | 391 | 272 | 663 | 1,499 | 1,153 | 2,652 |
| 42 | 18 | 60 | 3 | 1 | 4 | 3 | ... | 3 | 15 | 7 | 22 | ... | ... | ... | 509 | 457 | 966 | 1,913 | 1,657 | 3,570 |
| 30 | 29 | 59 | ... | ... | ... | ... | ... | ... | 6 | 6 | 12 | ... | ... | ... | 393 | 332 | 725 | 1,765 | 1,502 | 3,267 |
| 52 | 60 | 112 | ... | 1 | 1 | 1 | ... | 1 | 11 | 4 | 15 | 4 | ... | 4 | 764 | 658 | 1,422 | 2,216 | 1,991 | 4,207 |
| 21 | 15 | 36 | ... | ... | ... | ... | ... | ... | 5 | 2 | 7 | ... | ... | ... | 267 | 215 | 482 | 1,048 | 886 | 1,934 |
| 31 | 11 | 42 | 2 | 2 | 4 | ... | ... | ... | 8 | 3 | 11 | 1 | ... | 1 | 180 | 173 | 353 | 933 | 796 | 1,729 |
| 13 | 13 | 26 | ... | ... | ... | 2 | 1 | 3 | 3 | 2 | 5 | 1 | 2 | 3 | 133 | 85 | 218 | 430 | 358 | 788 |
| 45 | 31 | 76 | ... | ... | ... | 2 | ... | 2 | 9 | 11 | 20 | 2 | ... | 2 | 109 | 98 | 207 | 661 | 657 | 1,318 |
| 54 | 28 | 82 | ... | ... | ... | 5 | 1 | 6 | 16 | 6 | 22 | ... | 1 | 1 | 171 | 127 | 298 | 1,321 | 1,068 | 2,389 |
| 5 | 4 | 9 | ... | ... | ... | 1 | ... | 1 | 3 | 3 | 6 | ... | ... | ... | 78 | 45 | 123 | 436 | 350 | 786 |
| 10 | 2 | 12 | ... | ... | ... | ... | 1 | 1 | 5 | 2 | 7 | 1 | ... | 1 | 53 | 30 | 83 | 508 | 395 | 903 |
| 3 | 1 | 4 | ... | ... | ... | 5 | ... | 5 | 2 | ... | 2 | ... | ... | ... | 14 | 13 | 27 | 191 | 161 | 352 |
| 16 | 5 | 21 | ... | 1 | 1 | ... | 1 | 1 | 3 | 2 | 5 | ... | ... | ... | 24 | 15 | 39 | 498 | 380 | 878 |
| 36 | 29 | 65 | ... | ... | ... | ... | ... | ... | 5 | ... | 5 | ... | 1 | 1 | 13 | 4 | 17 | 556 | 503 | 1,059 |
| 2 | 2 | 4 | ... | 1 | 1 | ... | ... | ... | 4 | ... | 4 | 1 | ... | 1 | 10 | 9 | 19 | 344 | 250 | 594 |
| 2 | 1 | 3 | ... | ... | ... | ... | ... | ... | 2 | 2 | 4 | ... | ... | ... | 10 | 12 | 22 | 433 | 363 | 796 |
| 814 | 535 | 1349 | 13 | 29 | 42 | 28 | 7 | 35 | 224 | 126 | 350 | 36 | 20 | 56 | 6,546 | 5,233 | 11,779 | 32,232 | 27,406 | 59,638 |
| 634 | 445 | 1079 | 27 | 17 | 44 | 35 | 10 | 45 | 154 | 113 | 267 | 25 | 18 | 43 | 6,367 | 5,002 | 11,369 | 27,567 | 22,338 | 49,905 |
| 933 | 632 | 1565 | 12 | 17 | 29 | 25 | 2 | 27 | 224 | 170 | 394 | 29 | 16 | 45 | 5,376 | 4,576 | 9,952 | 22,714 | 19,835 | 42,549 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Forty-eight thousand five hundred and fifty-six births were registered in the Province during the month of May 1890, giving a birth-rate of 30 per mille of population. Of the total number of births, 26,178 were boys and 22,378 were girls.

The total number of deaths registered from all causes in the Province during the month of May 1890 was 59,638 against 49,905 in the previous month and 42,549 in the corresponding month of the past year, giving an annual death-rate of 37, 32 and 27 per mille of population per annum respectively. The average annual death-rate of the month of May for the five years 1885—1889 was 28 per 1,000, or 9 per 1,000 less than the registered rate of the month under review.

There were 63 deaths registered under the head of cholera. Of these 54 were registered in the district of Delhi, 7 in the district of Gurgaon, and 2 in Hissar District.

From small-pox 1,454 deaths were registered against 1,214 in the previous month and 969 in the corresponding month of the past year; fevers 44,510 against 35,837 and 29,390. The average number of fever deaths registered during the month of May for the five years 1885—1889 was 29,994, or 14,516 less than the number registered during May 1890. There were 1,349 deaths registered from bowel complaints against 1,079 in the previous month and 1,565 in May 1889.

During the month there were 42 deaths registered from suicide against 44 in the past month; wounding 35 against 45; accidents 350 against 267; snake-bite and killed by wild beasts 56 against 43; and from all other causes 11,779 against 11,369 and 9,952 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 1st July 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the Number of Births registered according to Classes in the several Districts of the Punjab during the month of May* 1890.

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 535 | 436 | 971 | 224 | 166 | 390 | ... | ... | ... | 759 | 602 | 1,361 | 24 |
| 2 | Rohtak ... | ... | ... | ... | 513 | 454 | 967 | 94 | 94 | 188 | ... | ... | ... | 607 | 548 | 1,155 | 25 |
| 3 | Gurgaon ... | ... | ... | ... | 500 | 423 | 923 | 283 | 284 | 567 | ... | ... | ... | 783 | 707 | 1,490 | 27 |
| 4 | Delhi ... | ... | ... | ... | 643 | 519 | 1,162 | 207 | 189 | 396 | ... | ... | ... | 850 | 708 | 1,558 | 29 |
| 5 | Karnál ... | ... | ... | ... | 798 | 694 | 1,492 | 290 | 236 | 526 | ... | ... | ... | 1,088 | 930 | 2,018 | 37 |
| 6 | Umballa ... | ... | ... | ... | 810 | 695 | 1,505 | 380 | 301 | 681 | ... | ... | ... | 1,190 | 996 | 2,186 | 25 |
| 7 | Simla ... | ... | ... | ... | 29 | 22 | 51 | 2 | 7 | 9 | ... | ... | ... | 31 | 29 | 60 | 16 |
| 8 | Kángra ... | ... | ... | ... | 1,214 | 1,018 | 2,232 | 58 | 40 | 98 | ... | ... | ... | 1,272 | 1,058 | 2,330 | 38 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,190 | 1,015 | 2,205 | 553 | 517 | 1,070 | ... | ... | ... | 1,743 | 1,532 | 3,275 | 43 |
| 10 | Jullundur ... | ... | ... | ... | 721 | 603 | 1,324 | 696 | 595 | 1,291 | ... | ... | ... | 1,417 | 1,198 | 2,615 | 39 |
| 11 | Ludhiána ... | ... | ... | ... | 613 | 506 | 1,119 | 319 | 301 | 620 | ... | ... | ... | 932 | 807 | 1,739 | 33 |
| 12 | Ferozepore ... | ... | ... | ... | 498 | 442 | 940 | 610 | 521 | 1,131 | ... | ... | ... | 1,108 | 963 | 2,071 | 33 |
| 13 | Mooltan ... | ... | ... | ... | 83 | 74 | 157 | 511 | 432 | 943 | ... | ... | ... | 594 | 506 | 1,100 | 23 |
| 14 | Jhang ... | ... | ... | ... | 80 | 79 | 159 | 393 | 333 | 726 | ... | ... | ... | 473 | 412 | 885 | 26 |
| 15 | Montgomery ... | ... | ... | ... | 154 | 139 | 293 | 522 | 408 | 930 | ... | ... | ... | 676 | 547 | 1,223 | 34 |
| 16 | Lahore ... | ... | ... | ... | 369 | 299 | 668 | 944 | 869 | 1,813 | ... | ... | ... | 1,313 | 1,168 | 2,481 | 32 |
| 17 | Amritsar ... | ... | ... | ... | 736 | 601 | 1,337 | 717 | 587 | 1,304 | ... | ... | ... | 1,453 | 1,188 | 2,641 | 35 |
| 18 | Gurdáspur ... | 4 | ... | 4 | 664 | 576 | 1,240 | 663 | 593 | 1,256 | ... | ... | ... | 1,331 | 1,169 | 2,500 | 36 |
| 19 | Siálkot ... | 4 | 7 | 11 | 505 | 455 | 960 | 1,326 | 1,142 | 2,468 | ... | ... | ... | 1,835 | 1,604 | 3,439 | 40 |
| 20 | Gujrát ... | ... | ... | ... | 85 | 94 | 179 | 929 | 826 | 1,755 | ... | 2 | 2 | 1,014 | 922 | 1,936 | 33 |
| 21 | Gujránwála ... | ... | ... | ... | 212 | 165 | 377 | 668 | 612 | 1,280 | ... | ... | ... | 880 | 777 | 1,657 | 32 |
| 22 | Shahpur ... | ... | ... | ... | 90 | 81 | 171 | 550 | 475 | 1,025 | ... | ... | ... | 640 | 556 | 1,196 | 33 |
| 23 | Jhelum ... | ... | ... | ... | 61 | 63 | 124 | 709 | 650 | 1,359 | ... | ... | ... | 770 | 713 | 1,483 | 30 |
| 24 | Ráwalpindi ... | ... | ... | ... | 79 | 66 | 145 | 1,001 | 917 | 1,918 | 1 | 1 | 2 | 1,081 | 984 | 2,065 | 30 |
| 25 | Hazára ... | ... | ... | ... | 35 | 26 | 61 | 670 | 532 | 1,202 | ... | ... | ... | 705 | 558 | 1,263 | 37 |
| 26 | Pesháwar ... | ... | ... | ... | 17 | 11 | 28 | 349 | 198 | 547 | 1 | ... | 1 | 367 | 209 | 576 | 11 |
| 27 | Kohát ... | ... | ... | ... | 11 | 4 | 15 | 175 | 137 | 312 | ... | ... | ... | 186 | 141 | 327 | 21 |
| 28 | Bannu ... | ... | ... | ... | 27 | 22 | 49 | 231 | 166 | 397 | ... | ... | ... | 258 | 188 | 446 | 16 |
| 29 | Dera Ismail Khan ... | ... | ... | ... | 31 | 25 | 56 | 246 | 186 | 432 | ... | ... | ... | 277 | 211 | 488 | 13 |
| 30 | Dera Gházi Khan ... | ... | ... | ... | 21 | 16 | 37 | 160 | 112 | 272 | 1 | ... | 1 | 182 | 128 | 310 | 10 |
| 31 | Muzaffargarh ... | ... | ... | ... | 49 | 28 | 77 | 311 | 288 | 599 | 3 | 3 | 6 | 363 | 319 | 682 | 24 |
| | Total ... | 8 | 7 | 15 | 11,373 | 9,651 | 21,024 | 14,791 | 12,714 | 27,505 | 6 | 6 | 12 | 26,178 | 22,378 | 48,556 | 30 |

Sanitary Commissioner's Office, Lahore: *The* 1st *July* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 14th JUNE 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | ... | 4 | 9 | 3 | 6 | ... | ... | 5 | ... | ... | 4 | 1 | 2 | 3 | 15 | 33 |
| 2 | | Hansi ... | 12,656 | 8 | 2 | 10 | 5 | 4 | 1 | ... | ... | 5 | ... | ... | ... | 3 | ... | 3 | 41 | 21 |
| 3 | | Bhiwani ... | 33,762 | 12 | 10 | 22 | 39 | 24 | 15 | ... | ... | 12 | 5 | ... | 22 | 4 | 1 | 5 | 34 | 60 |
| 4 | | Sirsa ... | 12,292 | 1 | 5 | 6 | 5 | 2 | 3 | ... | ... | 1 | ... | ... | 4 | 2 | 1 | 3 | 26 | 21 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | 2 | 8 | 9 | 6 | 3 | ... | ... | 5 | 1 | ... | 3 | ... | 1 | 1 | 27 | 30 |
| 6 | | Jhajjar ... | 11,650 | 5 | 10 | 15 | 10 | 2 | 8 | ... | ... | 3 | ... | ... | 7 | ... | 2 | 2 | 67 | 45 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 12 | 13 | 25 | 12 | 6 | 6 | ... | ... | 6 | 1 | ... | 5 | 1 | 1 | 2 | 53 | 26 |
| 8 | | Palwal ... | 10,635 | 1 | 3 | 4 | 11 | 8 | 3 | ... | ... | 4 | 2 | ... | 5 | 3 | ... | 3 | 20 | 54 |
| 9 | Delhi ... | Delhi ... | 117,363 | 35 | 38 | 73 | 106 | 48 | 58 | 1 | 2 | 59 | ... | 1 | 43 | 8 | 14 | 22 | 32 | 47 |
| 10 | | " Suburbs ... | 52,882 | 14 | 14 | 28 | 33 | 15 | 18 | ... | ... | 26 | ... | ... | 7 | 1 | 5 | 6 | 28 | 33 |
| 11 | | Sonepat ... | 13,077 | 7 | 2 | 9 | 11 | 4 | 7 | ... | ... | 5 | ... | 2 | 4 | 2 | 3 | 5 | 36 | 44 |
| 12 | Karnal ... | Karnal ... | 23,133 | 5 | 4 | 9 | 21 | 5 | 16 | ... | 3 | 12 | 1 | ... | 5 | ... | 1 | 1 | 20 | 47 |
| 13 | | Kaithal ... | 14,754 | 6 | 4 | 10 | 11 | 6 | 5 | ... | 1 | 5 | 1 | ... | 4 | 2 | ... | 2 | 35 | 39 |
| 14 | | Panipat ... | 26,572 | 12 | 5 | 17 | 33 | 20 | 13 | ... | ... | 17 | 2 | ... | 14 | 8 | 4 | 12 | 33 | 65 |
| 15 | Umballa ... | Umballa ... | 26,777 | 8 | 7 | 15 | 28 | 15 | 13 | ... | 5 | 12 | ... | ... | 11 | 5 | 5 | 10 | 29 | 55 |
| 16 | | Jagadhri ... | 12,300 | 3 | 2 | 5 | 14 | 10 | 4 | ... | 4 | 6 | 1 | ... | 3 | 3 | 1 | 4 | 21 | 59 |
| 17 | | Shahabad ... | 10,218 | 1 | 1 | 2 | 16 | 10 | 6 | ... | ... | 12 | 4 | ... | ... | 1 | 2 | 3 | 10 | 82 |
| 18 | | Sadhaura ... | 10,794 | 4 | 1 | 5 | 14 | 6 | 8 | ... | 3 | 7 | 1 | ... | 3 | 2 | 2 | 4 | 24 | 68 |
| 19 | | Rupar ... | 10,326 | 1 | 4 | 5 | 6 | 1 | 5 | ... | ... | 3 | ... | ... | 3 | ... | 2 | 2 | 25 | 30 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 4 | 1 | 5 | 10 | 4 | 6 | ... | 2 | 4 | ... | ... | 4 | 2 | 1 | 3 | 20 | 39 |
| 21 | | Tanda and Urmar ... | 10,295 | 7 | 4 | 11 | 12 | 8 | 4 | ... | ... | 8 | ... | ... | 4 | 2 | 2 | 4 | 56 | 61 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 11 | 12 | 23 | 27 | 17 | 10 | ... | ... | 10 | 4 | ... | 13 | 4 | 6 | 10 | 38 | 45 |
| 23 | | " Suburbs ... | 11,474 | 4 | 7 | 11 | 8 | 5 | 3 | ... | ... | 3 | 1 | ... | 4 | 3 | 1 | 4 | 50 | 36 |
| 24 | | Rahon ... | 11,736 | 4 | 2 | 6 | 7 | 3 | 4 | ... | ... | 6 | 1 | ... | ... | ... | 1 | 1 | 27 | 31 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 19 | 14 | 33 | 34 | 16 | 18 | ... | 1 | 23 | 2 | ... | 8 | 5 | 7 | 12 | 39 | 40 |
| 26 | | Jagraon ... | 16,873 | 4 | 5 | 9 | 10 | 4 | 6 | ... | ... | 7 | 1 | ... | 2 | ... | 3 | 3 | 28 | 31 |
| 27 | Ferozepore... | Ferozepore ... | 20,870 | 3 | 4 | 7 | 14 | 12 | 2 | ... | ... | 11 | 1 | ... | 2 | 2 | ... | 2 | 17 | 35 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 15 | 11 | 26 | 25 | 11 | 14 | ... | ... | 8 | ... | 1 | 16 | 5 | 4 | 9 | 43 | 41 |
| 29 | | " Suburbs ... | 25,593 | 9 | 7 | 16 | 12 | 5 | 7 | ... | 1 | 6 | 1 | ... | 4 | 2 | 3 | 5 | 33 | 24 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 3 | 8 | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 1 | 33 | 8 |
| 31 | | Chiniot ... | 10,731 | 4 | 5 | 9 | 5 | 1 | 4 | ... | ... | 3 | ... | ... | 2 | ... | 3 | 3 | 44 | 24 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore | Lahore ... | 97,208 | 30 | 29 | 59 | 59 | 29 | 30 | ... | ... | 42 | ... | ... | 17 | 4 | 8 | 12 | 32 | 32 |
| 33 | Lahore | " Suburbs ... | 41,670 | 6 | 7 | 13 | 15 | 10 | 5 | ... | ... | 8 | ... | ... | 7 | 1 | 2 | 3 | 16 | 19 |
| 34 | Lahore | Kasur ... | 17,336 | 3 | 3 | 6 | 9 | 8 | 1 | ... | ... | 8 | 1 | ... | ... | 1 | ... | 1 | 18 | 27 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 47 | 36 | 83 | 123 | 55 | 68 | ... | ... | 69 | 1 | 2 | 51 | 14 | 19 | 33 | 30 | 44 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 11 | 7 | 18 | 29 | 12 | 17 | ... | 1 | 24 | 1 | ... | 3 | 1 | ... | 1 | 39 | 62 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 8 | 18 | 26 | 19 | 10 | 9 | ... | ... | 18 | 1 | ... | 10 | 1 | 2 | 3 | 40 | 29 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | ... | 4 | 4 | 11 | 4 | 7 | ... | ... | 5 | 1 | ... | 5 | 3 | ... | 3 | 11 | 31 |
| 39 | Gujrat ... | Jalalpur ... | 12,839 | 1 | 7 | 8 | 7 | 2 | 5 | ... | ... | 5 | ... | ... | 2 | ... | 1 | 1 | 32 | 28 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 9 | 13 | 22 | 12 | 6 | 6 | ... | ... | 4 | 1 | ... | 7 | 2 | 1 | 3 | 50 | 27 |
| 41 | Gujranwala... | Wazirabad ... | 16,462 | 4 | 4 | 8 | 11 | 7 | 4 | ... | ... | 8 | ... | ... | 3 | 2 | ... | 2 | 25 | 35 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 3 | 8 | 11 | 9 | 6 | 3 | ... | ... | 6 | ... | ... | 3 | 1 | ... | 1 | 38 | 31 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 5 | 3 | 2 | ... | ... | 2 | ... | ... | 3 | 3 | 1 | 4 | 9 | 16 |
| 44 | Jhelum ... | Pind Dadan Khan ... | 16,724 | 1 | 3 | 4 | 5 | 3 | 2 | ... | ... | 3 | 1 | ... | 1 | ... | 1 | 1 | 12 | 16 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 4 | 2 | 6 | 19 | 13 | 6 | 1 | ... | 6 | ... | ... | 12 | 1 | ... | 1 | 11 | 36 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 15 | 9 | 24 | 30 | 11 | 19 | ... | ... | 21 | ... | ... | 9 | 4 | 6 | 10 | 21 | 26 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | 1 | 4 | 10 | 2 | 8 | ... | ... | 6 | 1 | ... | 3 | 1 | 1 | 2 | 15 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 3 | 9 | 16 | 8 | 8 | ... | ... | 10 | 2 | ... | 4 | 3 | 2 | 5 | 25 | 44 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 1 | 1 | 2 | 9 | 7 | 2 | ... | ... | 6 | 1 | ... | 2 | 1 | ... | 1 | 5 | 24 |
| | Birth and death rate of London for the week ending 24th May 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28·8 | 17·1 |
| | Grand Total ... | | 1,311,330 | 38[illegible] | 358 | 746 | 957 | 477 | 480 | 2 | 23 | 536 | 41 | 6 | 349 | 114 | 123 | 237 | 30 | 38 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... ... | | 12,305 | ... | 2 | 2 | 10 | 7 | 3 | ... | ... | 9 | ... | ... | 1 | 1 | ... | 1 | 8 | 42 |
| | Dharmsala ... ... ... ... | | 3,839 | 2 | 1 | 3 | 5 | 3 | 2 | ... | ... | 2 | ... | ... | 3 | 1 | ... | 1 | 41 | 68 |
| | Dalhousie ... ... ... ... | | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 60 |
| | Murree ... ... ... ... | | 2,489 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 21 | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 4th July 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 14th June 1890.*

*General results.*—The return is incomplete, the registers for the districts of Bannu and Muzaffargarh not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 13,958 against 13,976 in the previous week and 9,694 in the corresponding week of the past year, giving respectively an annual death-rate of 40·1, 40·1 and 27·8 per 1,000 of population. The number of deaths registered is almost exactly the same as the number registered last week. The death-rate is, however, 12·8 per 1,000 larger than 27·3 per 1,000, the average rate of the corresponding week for the five years 1885—89.

*Cholera.*—There were 175 deaths registered under the head of cholera against 91 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Hissar ... | Rural Circle ... | 21 | |
| Gurgaon ... | Rural Circles ... | 12 | |
| Delhi ... | Delhi Town ... | 1 | |
| Do. ... | Ballabgarh Town ... | 15 | |
| Do. ... | Rural Circles ... | 116 | |
| Umballa ... | Rural Circle ... | 7 | |
| Ferozepore ... | Rural Circle ... | 1 | |
| Rawalpindi ... | Rawalpindi Town ... | 1 | |
| Do. ... | Rural Circle ... | 1 | |
| | Total ... | 175 | |

*Small-pox.*—From small-pox 382 deaths were registered against 379 in the previous week and 216 in the corresponding week of the past year.

*Fevers.*—From fevers there were 10,269 deaths against 10,533 in the previous week and 6,814 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 258 deaths against 280 and 313.

*Chest disease.*—Six hundred and twelve against 551 and 526.

*Snake-bite.*—Twenty against 13 and 21.

*Hydrophobia.*—One against 3 and 2.

*All other causes.*—Two thousand two hundred and forty-one against 2,126 in the previous week and 1,679 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand and thirty-one deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,650 were males and 1,381 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 957 deaths were registered (477 males and 480 females), giving a death-rate of 38 per mille of population; 746 births were registered (388 males and 358 females), giving a birth-rate of 30 per mille of population. The death-rate of the large Municipal towns is 2·1 per 1,000 greater than that of the rest of the Province and is 3·7 per 1,000 greater than the average death-rate of the large municipal towns for the corresponding week of the five-year period 1885—89.

LAHORE:
*The 4th July 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY).

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of May* 1890, *as compared with the same month of the previous year.*

| | Staples. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 2,507 | 1,073 | 1,434 | ... |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 4,484 | 3,768 | 716 | ... |
| | Do., intermediate and half-pressed ... | 1,462 | 804 | 658 | ... |
| | Do., unpressed ... | 1,300 | 669 | 631 | ... |
| III | Cotton twist and yarn ... | 507 | 200 | 307 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 1,737 | 1,450 | 287 | ... |
| | (2) Indian ... | 700 | 253 | 447 | ... |
| V | Drugs and medicines ... | 48 | 85 | ... | 37 |
| VI | Dye roots and colours ... | 439 | 442 | ... | 3 |
| VII | Firewood ... | 1,010 | 2,082 | ... | 1,072 |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 11,949 | 23,036 | ... | 11,087 |
| | (2) Other grains ... | 17,175 | 24,686 | ... | 7,511 |
| IX | Hay and grass ... | 3 | 4 | ... | 1 |
| X | Hides and skins ... | 313 | 296 | 17 | ... |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 159 | 134 | 25 | ... |
| | (2) Gunny bags ... | 1,199 | 912 | 287 | ... |
| XII | Leather manufactured ... | 33 | 100 | ... | 67 |
| XIII | Liquors, wines, spirits and beer ... | 236 | 115 | 121 | ... |
| XIV | Machinery ... | 29 | 62 | ... | 33 |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,006 | 1,645 | ... | 639 |
| | (2) Brass and Copper ... | 412 | 491 | ... | 79 |
| | (3) Zinc and Spelter ... | 100 | 103 | ... | 3 |
| | (4) Lead ... | 29 | 7 | 22 | ... |
| | (5) Others ... | 661 | 177 | 484 | ... |
| XVI | Military Stores ... | 811 | 296 | 515 | ... |
| XVII | Mowra flowers and seeds ... | 488 | 878 | ... | 390 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 557 | 181 | 376 | ... |
| | (2) Others ... | 256 | 332 | ... | 76 |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 5,852 | 3,562 | 2,290 | ... |
| | (2) Rape seed ... | 5,622 | 10,255 | ... | 4,633 |
| | (3) Other oil seeds ... | 8,304 | 5,608 | 2,696 | ... |
| XX | Opium ... | 227 | 203 | 24 | ... |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 651 | 642 | 9 | ... |
| | (2) Dried Fruits and Nuts ... | 300 | 421 | ... | 121 |
| | (3) Cocoanuts ... | 278 | 542 | ... | 264 |
| | (4) Oilman stores ... | 131 | 12 | 119 | ... |
| | (5) Fruits, green, and vegetables... | 270 | 309 | ... | 39 |
| | (6) Others ... | 273 | 430 | ... | 157 |
| XXII | Railway material and rolling stock ... | 14,210 | 5,464 | 8,746 | ... |
| XXIII | Salt ... | 29,384 | 15,489 | 13,895 | ... |
| XXIV | Saltpetre ... | 794 | 979 | ... | 185 |
| XXV | Silk, raw and manufactured ... | 29 | 9 | 20 | ... |
| XXVI | Spices ... | 267 | 327 | ... | 60 |
| XXVII | Sugar and jagri ... | 14,529 | 12,176 | 2,353 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 308 | 276 | 32 | ... |
| | (2) Others ... | 1,085 | 756 | 329 | ... |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 27 | 10 | 17 | ... |
| | (2) Indian ... | 20 | 22 | ... | 2 |
| XXX | Timber ... | 2,765 | 1,848 | 917 | ... |
| XXXI | Tobacco ... | 2,959 | 2,612 | 347 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 762 | 534 | 228 | ... |
| | (2) Piece-goods, woollen ... | 49 | 41 | 8 | ... |
| XXXIII | All other articles ... | 9,635 | 5,855 | 3,780 | ... |
| | Total ... | 1,48,341 | 1,32,663 | 42,137 | 26,459 |
| | *Net* Increase ... | ... | ... | 15,678 | ... |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 20th June 1890.*

J. W. FORDHAM,

*Acting Chief Auditor and Accountant.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF APRIL 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| April 1890 ... ... | 4,268 | 600 | 651 | 16,141 | 5,280 | |
| April 1889 ... ... | 3,757 | 504 | 702 | 14,436 | 7,097 | |
| Difference ... ... | + 511 | + 96 | − 51 | + 1,705 | − 1,817 | |

Office of Inspector-General of Registration, Punjab,
Lahore:
*The 14th June 1890.*

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—10-7-90—690.

No. 29 of 1890.

# SUPPLEMENT TO THE Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 17, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 15th JULY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·93 at Hissar. 1·02 in Bhiwáni. 1·48 in Fatahabad. 0·35 in Sirsa. 0·12 in Budhláda. | Fodder still scarce. | Rising. | Sowings in progress. Locusts in swarms. No damage. | ... |
| 2 | Delhi ... | 0·67 at Sadr. 4·80 in Ballabgarh. 1·08 in Sonepat. | ... | Fluctuating. | Cultivation commenced. Locusts appeared on 8th, 9th and 10th. No damage done. | ... |
| 3 | Umballa ... | 2·13 | ... | Stationary. | Sowings almost completed. Locusts passed from north-west to south-east, but did not do much harm. | ... |
| 4 | Jullundur ... | 0·96 | Fodder insufficient. | Do. | Sowings commenced; sugar-cane weeding in progress. | ... |
| 5 | Ferozepore ... | 0·42 in Zíra. 0·12 in Muktsar. 0·35 in Fázilka. | Fodder ample. | Do. | Ploughings still in progress. | ... |
| 6 | Amritsar ... | 0·24 average. | ... | Do. | Crops in good condition. Jowár, chari and jhona under cultivation. Locusts appeared in Tarn Táran and Ajnála, but did not damage. No complaints against canal working. | ... |
| 7 | Siálkot ... | Good rainfall. | Fodder sufficient. | Do. | Sowings in progress. | ... |
| 8 | Lahore ... | 0·20 in Chunián. | Do. | Do. | Sowings on unirrigated lands in progress. Irrigated crops promising. Locusts are reported to have past over Chunián from north to south on 10th without causing any damage to crops. | ... |
| 9 | Mooltan ... | ... | Fodder scarce in Rawa and on Sidhnai Canal. | Do. | Sowings in progress. Canals flowing satisfactorily, except for some breaks. | ... |
| 10 | Ráwalpindi ... | 0·48 at Ráwalpindi. 0·50 in Gujar Khan. 3·40 in Murree. | Fodder sufficient. | Falling. | Sowings in progress. | ... |
| 11 | Shahpur ... | General rainfall throughout. | Do. | Do. Wheat 20 seers per rupee. | Crops promising. | Sowings commenced. |
| 12 | D. I. Khan ... | 0·13 | Fodder supply average. | Stationary. | Condition of cotton crops good. | ... |
| 13 | Peshâwar ... | ... | Fodder sufficient | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Rain has fallen in all districts except Mooltan and Peshâwar. Prices rising in Hissar; unsettled in Delhi; falling in Ráwalpindi and Shahpur, elsewhere stationary. Ploughings and sowings of kharif crops still in progress. Sowings of certain rabi crops commenced in Shahpur. Condition of crops is generally good and promising. Locusts appeared in Hissar, Delhi, Umballa, Amritsar and Lahore, but only in Umballa was damage done and that slight. Fodder sufficient, except in Hissar, Jullundur and parts of Mooltan.

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
R = Slight rain not measured.
D = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 15th June 1890.* | | | | | | | | |
| | | | Monday 9th. | Tuesday 10th. | Wednesday 11th. | Thursday 12th. | Friday 13th | Saturday 14th. | Sunday 15th. | | |
| Lahore. | Dafthu *C* ... | 21st May ... | 0·19 | ... | ... | ... | ... | ... | ... | 0·19 | |
| Sialkot. | Daska ... | 2nd May ... | 1·10 | 1·60 | ... | ... | ... | ... | ... | 2·70 | |
| | | | *Week ending 29th June 1890.* | | | | | | | | |
| | | | Monday 23rd | Tuesday 24th. | Wednesday 25th. | Thursday 26th. | Friday 27th. | Saturday 28th. | Sunday 29th. | | |
| Jhelum. | Pind Dadun Khán | 20th June ... | ... | ... | ... | 0·14 | ... | ... | ... | 0·14 | |
| | Sadr Station ... | 17th Do. ... | ... | 0·15 | 1·10 | ... | ... | ... | ... | 1·25 | |
| | Chakwál ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | Ditto ... | ... | 0·01 | 2·28 | ... | ... | ... | ... | 2·29 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 6th JULY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Months of June and July 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 30th. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 26th June | ... | ... | ... | ... | ... | 0·17 | ... | 0·17 | Locusts came but did no injury. They have laid eggs in Tahsíls Hissar and Sirsa. Orders issued for their destruction. |
| | Fatahabad | 29th Do. | ... | ... | ... | ... | 0·23 | 0·24 | 0·08 | 0·55 | |
| | Barwála | 28th Do. | ... | ... | ... | 1·20 | ... | 0·48 | 0·13 | 1·81 | |
| | Hissar s | Ditto | ... | ... | ... | ... | 0·29 | 0·32 | ... | 0·61 | |
| | Hánsi | Ditto | 0·30 | ... | ... | 0·19 | ... | 0·20 | ... | 0·69 | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 29th June | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Dhaneta *C* | 25th Do. | 0·33 | 0·09 | ... | ... | 0·40 | ... | 0·35 | 1·17 | |
| Rohtak. | Rohtak s | 29th June | ... | ... | ... | ... | 0·12 | 0·43 | ... | 0·55 | |
| | Gohána | Ditto | 0·51 | ... | ... | 0·07 | 0·17 | 0·78 | ... | 1·53 | |
| | Sámpla | Ditto | 0·64 | ... | ... | ... | ... | 0·34 | ... | 0·98 | |
| | Jhajjar | 28th June | 0·13 | ... | ... | ... | ... | 0·35 | ... | 0·48 | |
| Gurgaon. | Farukhnagar | 29th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 26th Do. | ... | ... | ... | 0·10 | ... | ... | ... | 0·10 | |
| | Rewári | 28th Do. | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Shahjahánpur | 27th Do. | ... | 0·47 | ... | ... | ... | ... | ... | 0·47 | |
| | Tauru | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Firozpur | 26th Do. | ... | ... | 0·55 | ... | ... | ... | ... | 0·55 | |
| | Hodal | 29th Do. | ... | ... | ... | ... | ... | 0·13 | ... | 0·13 | |
| | Hattín | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| | Gurgaon s | Ditto | ... | ... | ... | ... | 0·25 | ... | ... | 0·25 | |
| | Punahána | 27th June | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| Delhi. | Ballabgarh | 29th June | ... | ... | ... | ... | ... | 0·25 | ... | 0·25 | |
| | Mahrauli | 25th Do. | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| | Sadr (Delhi) s | Ditto | ... | ... | ... | 0·07 | 0·30 | R. | ... | 0·37 | |
| | Sonepat | 29th June | ... | ... | ... | ... | R. | 0·02 | ... | 0·02 | |
| Karnal. | Pánipat | 25th June | ... | 0·50 | ... | 0·50 | 0·30 | 0·10 | ... | 1·40 | |
| | Karnál s | 29th Do. | ... | ... | 0·60 | 0·45 | 0·50 | 0·35 | 0·12 | 2·02 | |
| | Rajaund | 25th Do. | ... | ... | 0·30 | 0·20 | 0·20 | 0·30 | ... | 1·00 | |
| | Kaithal | 28th Do. | ... | ... | 0·30 | ... | 0·40 | ... | ... | 0·70 | |
| | Gulah | 25th Do. | ... | ... | 0·01 | ... | ... | 0·64 | 0·30 | 2·95 | |
| Umballa. | Pipli | 28th June | ... | 0·91 | 0·88 | ... | 0·45 | ... | ... | 2·24 | Locusts passed from north-west to south-east. |
| | Jagádhri | 25th Do. | ... | ... | ... | ... | 0·06 | 0·06 | 1·06 | 1·18 | |
| | Umballa s | 28th Do. | ... | 1·78 | 0·80 | ... | ... | 0·89 | 0·75 | 4·22 | |
| | Naráingarh | 26th Do. | ... | 0·17 | 0·33 | 0·67 | R. | 0·80 | 0·76 | 2·73 | |
| | Kharar | 27th Do. | ... | 0·09 | ... | ... | 0·72 | 0·74 | ... | 1·55 | |
| | Rúpar | 28th Do. | ... | ... | 0·15 | 0·08 | ... | 0·08 | 0·53 | 0·84 | |
| | Kotra *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 29th June | ... | ... | ... | ... | ... | 0·08 | ... | 0·08 | |
| | Raniki *C* | 25th Do. | ... | ... | 0·22 | ... | 0·22 | ... | ... | 0·44 | |
| | Dádupur *C* | 10th Do. | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| Simla. | Kasauli s | 29th June | ... | 1·39 | 0·44 | 1·78 | 0·40 | 1·52 | 0·03 | 5·56 | |
| | Barauli | 25th Do. | ... | 1·55 | 3·42 | 0·63 | ... | ... | ... | 5·60 | |
| | Simla s | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Kot Khái | Ditto | ... | ... | 0·02 | 0·06 | ... | 0·05 | ... | 1·03 | |
| | Kotgarh | Ditto | ... | ... | 0·02 | 0·06 | ... | 0·05 | ... | 1·03 | |
| | Kilua s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| Kangra. | Plách | 28th June | 0·02 | 0·02 | 0·40 | 0·23 | 0·35 | 1·67 | ... | 2·69 | |
| | Kulu s | Ditto | ... | ... | 0·05 | 0·50 | 0·10 | ... | 1·74 | 2·39 | |
| | Nagar | 29th June | ... | ... | ... | 0·25 | 0·15 | 1·20 | 1·75 | 3·35 | |
| | Pálampur | Ditto | 0·37 | 2·35 | 0·02 | 0·41 | 0·35 | 1·67 | 3·20 | 8·37 | |
| | Hamírpur | 25th June | ... | 0·60 | ... | 0·65 | 1·70 | 0·26 | 2·16 | 5·37 | |
| | Dera | Ditto | ... | 3·80 | ... | 1·12 | 0·36 | 0·18 | 2·23 | 7·69 | |
| | Kángra | 28th June | 2·04 | 0·84 | ... | 1·36 | 0·73 | 0·82 | 4·95 | 10·74 | |
| | Dharmsála s | 29th Do. | 0·52 | 1·62 | 0·50 | 3·23 | 3·82 | 3·82 | 4·85 | 18·36 | |
| | Nurpur | 25th Do. | 1·09 | 1·28 | ... | 2·13 | 1·97 | 0·34 | 2·72 | 9·53 | |
| Hoshiarpur. | Dasúya | 28th June | ... | ... | 0·85 | 0·35 | 0·14 | 0·48 | ... | 1·82 | |
| | Una | Ditto | ... | ... | 0·70 | 0·09 | ... | 1·03 | ... | 1·82 | |
| | Garhshankar | Ditto | ... | ... | ... | ... | 0·78 | ... | ... | 0·78 | |
| | Sadr Station | Ditto | ... | 0·44 | 0·06 | ... | 0·10 | 0·72 | ... | 1·32 | |
| | Hoshiárpur | Ditto | ... | 0·26 | 0·05 | ... | 0·10 | 0·72 | ... | 1·13 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each day of the Week. Months of June and July 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 30th. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | | |
| Jullundur. | Jullundur s | 29th June | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Nakodar | Ditto | ... | 0·12 | ... | ... | ... | ... | 0·20 | 0·32 | |
| | Phillour | Ditto | ... | ... | 1·00 | ... | ... | 0·20 | 0·21 | 1·41 | |
| | Nawashahr | Ditto | ... | ... | ... | ... | .. | 0·60 | 0·24 | 0·84 | |
| Ludhiana. | Samrála | 28th June | ... | 0·06 | ... | ... | 0·37 | 0·16 | ... | 0·59 | |
| | Ludhiána s | 29th Do. | ... | ... | ... | ... | 0·20 | 0·14 | ... | 0·34 | |
| | Jagraon | 19th Do. | ... | 0·16 | 0·02 | ... | 0·10 | 0·12 | ... | 0·40 | |
| Ferozepore. | Moga | 26th June | 0·30 | 1·25 | ... | ... | .. | 0·07 | 0·84 | 2·46 | |
| | Zíra | 25th Do. | ... | 0·72 | ... | ... | ... | ... | ... | 0·72 | |
| | Ferozepore | Ditto | ... | ... | 0·52 | 0·57 | 1·15 | 0·30 | ... | 2·54 | |
| | Ferozepore city | Ditto | ... | ... | 0·25 | 0·23 | 1·30 | 0·25 | ... | 2·03 | |
| | Muktsar | Ditto | ... | ... | 0·20 | ... | 0·60 | ... | ... | 0·80 | |
| | Fázilka | 29th June | ... | ... | ... | ... | 2·60 | ... | ... | 2·60 | |
| | Nathána | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Gobindgarh C | 19th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 26th April | ... | ... | ... | ... | 0·20 | 0·69 | ... | 0·89 | |
| | Lodhrán | 24th March | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | 1·30 | 0·12 | 0·04 | ... | 1·46 | |
| | Mooltan | 17th June | ... | ... | ... | 1·80 | 0·02 | 0·16 | ... | 1·98 | |
| | Kabírwála | 2nd Do. | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| Jhang. | Shorkot | 26th June | ... | ... | ... | 0·12 | 1·05 | ... | ... | 1·17 | |
| | Jhang s | Ditto | ... | ... | 0·09 | R. | R. | 0·42 | ... | 0·51 | |
| | Chiniot | Ditto | ... | ... | 0·08 | 1·08 | 0·09 | 0·89 | ... | 2·14 | |
| Montgomery. | Gugera | 26th June | ... | ... | 0·10 | 0·25 | ... | 7·60 | ... | 7·95 | |
| | Montgomery s | 25th Do. | ... | 0·05 | ... | 0·03 | 4·81 | ... | ... | 4·89 | |
| | Pákpattan | 10th Do. | ... | ... | ... | ... | 3·45 | ... | ... | 3·45 | |
| | Dipálpur | 26th Do. | ... | ... | ... | 0·05 | ... | 3·75 | ... | 3·80 | |
| Lahore. | Van C b | 26th June | ... | ... | ... | 0·12 | ... | 2·00 | ... | 2·12 | |
| | Chunián | 29th Do. | ... | ... | ... | ... | 3·20 | ... | ... | 3·20 | |
| | Kasúr | 25th Do. | ... | 0·14 | 1·70 | 0·40 | 0·11 | 3·11 | 0·20 | 5·66 | |
| | Pambe C | 26th Do. | ... | ... | 0·32 | 0·50 | ... | 4·60 | 0·10 | 5·52 | |
| | Sharakpur | 29th Do. | ... | 0·20 | ... | ... | 5·30 | ... | ... | 5·50 | |
| | Niáz Beg C | 10th Do. | ... | 0·48 | ... | ... | 0·37 | 0·17 | 4·92 | 5·94 | |
| | Lahore s | 29th Do. | ... | ... | 0·12 | 0·52 | ... | 4·90 | 0·32 | 5·86 | |
| | Meean Meer C | 25th Do. | 0·40 | ... | 0·05 | 1·25 | ... | 5·63 | 0·15 | 7·48 | |
| | Manihála C | Ditto | 0·73 | ... | ... | 0·77 | ... | 2·17 | ... | 3·67 | |
| | Dafthu C b | 26th June | ... | ... | 1·32 | 0·18 | ... | 3·13 | ... | 4·63 | |
| Amritsar. | Buchar C b | 26th June | 2·03 | ... | ... | 0·90 | ... | 4·83 | 0·10 | 7·86 | |
| | Khara C | 25th Do. | 0·46 | ... | ... | ... | ... | 0·72 | ... | 1·18 | |
| | Tarn Táran | 26th Do. | ... | 0·05 | 2·00 | 0·20 | 1·00 | ... | ... | 3·25 | |
| | Raya C | 29th Do. | 0·23 | ... | ... | 1·03 | ... | 1·00 | 0·12 | 2·38 | |
| | Jandiála C | 28th Do. | ... | ... | ... | 0·88 | ... | 0·71 | 0·08 | 1·67 | |
| | Jail Hospital s | Ditto | ... | 0·65 | 6·17 | ... | 1·25 | 0·13 | ... | 8·20 | |
| | Amritsar Sadr | 27th June | ... | 0·60 | 4·20 | 0·04 | 1·60 | 0·17 | ... | 6·61 | |
| | Amritsar C | 28th Do. | ... | ... | 0·92 | 3·60 | 0·05 | 1·65 | 0·02 | 6·24 | |
| | Buggeh C | Ditto | 0·97 | ... | 1·10 | ... | 0·40 | 2·69 | ... | 5·16 | |
| | Ajnála | 29th June | ... | ... | 0·20 | ... | 1·64 | 0·28 | ... | 2·12 | |
| Gurdaspur. | Aliwál C | 29th June | ... | ... | 0·60 | 3·50 | 0·60 | 0·60 | 0·25 | 5·55 | |
| | Batála | 28th Do. | ... | 2·52 | 1·00 | 0·07 | 0·86 | 0·23 | ... | 4·68 | |
| | Kaler C | Ditto | ... | ... | ... | 0·42 | ... | 0·73 | 0·75 | 1·90 | |
| | Tibri C | Ditto | ... | ... | ... | 2·60 | ... | ... | 1·10 | 3·70 | |
| | Gurdaspur s | Ditto | ... | ... | 2·60 | 0·31 | 1·55 | 1·33 | ... | 5·79 | |
| | Bhímpur C | 20th June | 0·55 | ... | ... | 0·89 | 0·10 | 1·20 | 0·75 | 3·49 | |
| | Pathánkot | 24th Do. | 0·55 | ... | 0·83 | 0·74 | 0·30 | 1·52 | ... | 3·94 | |
| | Dalhousie s | 25th Do. | 0·19 | 0·34 | 0·57 | 1·90 | 2·68 | 4·51 | 1·30 | 11·49 | |
| | Madhopur C b | Ditto | 1·05 | 0·95 | ... | 0·45 | ... | ... | 1·65 | 4·10 | |
| | Shakargarh | 28th June | ... | ... | 0·52 | 0·52 | 2·18 | 0·95 | ... | 4·17 | |
| Siálkot. | Zafarwál | 25th June | ... | ... | 0·54 | 0·25 | 0·35 | 1·36 | 0·52 | 3·02 | |
| | Pasrúr | 29th Do. | 0·34 | ... | 0·46 | 1·21 | ... | 1·71 | 0·90 | 4·62 | |
| | Raya | 26th Do. | 0·10 | ... | 0·35 | 0·20 | 0·09 | 3·44 | ... | 4·18 | |
| | Daska | 25th Do. | ... | ... | ... | 0·70 | 0·20 | 2·50 | 1·00 | 4·40 | |
| | Siálkot s | Ditto | ... | ... | ... | 1·80 | 0·17 | 2·24 | 0·43 | 4·64 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Months of June and July 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 30th. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | Total. | Special Remarks. |
| Gujrat. | Sadr | 26th June | 0·06 | ... | ... | 0·79 | ... | 3·90 | 0·35 | 5·10 | Kharíf prospects good. Fodder sufficient. A flight of locusts passed over the Phália iláqua; did not stay; no damage done. |
| | Gujrát | Ditto | 0·11 | ... | ... | 0·89 | ... | 3·83 | 0·36 | 5·19 | |
| | Khárián | Ditto | 0·52 | ... | ... | 0·15 | ... | 1·84 | 0·25 | 2·76 | |
| | Phália | 25th June | 0·60 | ... | ... | 0·30 | ... | 1·40 | ... | 2·30 | |
| Gujranwala. | Rámnagar | 29th June | ... | ... | 1·50 | ... | 3·48 | ... | ... | 4·98 | The recent rains have been timely and have done much good. Kharif sowings in full progress. Fodder plentiful. |
| | Wazirabad | Ditto | ... | ... | 2·64 | ... | 3·48 | 2·75 | ... | 8·87 | |
| | Sadr Kacheri | Ditto | ... | ... | 0·70 | 0·23 | 4·50 | 0·80 | ... | 6·23 | |
| | Shekhupura | 26th June | 0·70 | ... | 0·30 | ... | 1·00 | 3·00 | ... | 5·00 | |
| | Háfizabad | 29th Do. | ... | ... | 0·48 | ... | 3·17 | ... | ... | 3·65 | |
| | Meluána *C* | 25th Do. | 0·90 | ... | ... | ... | ... | 3·10 | ... | 4·00 | |
| | Shahkot *C* | 26th Do. | ... | 0·60 | ... | ... | ... | 1·70 | ... | 2·30 | |
| Shahpur. | Midh | 26th June | ... | ... | 0·33 | 0·40 | ... | 0·57 | ... | 1·30 | |
| | Sahiwál | 25th Do. | ... | ... | ... | ... | 1·99 | ... | ... | 1·99 | |
| | Núrpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 26th June | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| | Sakesar | 25th Do. | ... | ... | ... | 0·10 | 1·70 | 0·18 | ... | 1·98 | |
| | Naushahra | 11th Do. | ... | ... | 2·00 | ... | 0·06 | 0·20 | ... | 2·26 | |
| | Khusháb | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur | Ditto | ... | 0·09 | 0·35 | ... | 0·20 | ... | ... | 0·64 | |
| | Bhera | 8th June | ... | 0·17 | ... | ... | 0·37 | ... | ... | 0·54 | |
| | Miáni | 20th Do. | ... | 0·40 | 0·12 | ... | ... | 0.50 | ... | 1·02 | |
| Jhelum. | Pind Dádan Khan | 26th June | 0·15 | 0·21 | 1·04 | 0·10 | ... | 0·31 | 0·02 | 1·83 | |
| | Sadr Station | 25th Do. | 0·82 | ... | ... | 0·51 | ... | 1·40 | 0·38 | 3·11 | |
| | Chakwál | 19th Do. | 0·14 | ... | ... | ... | ... | 1·99 | ... | 2·13 | |
| | Talagang | 25th Do. | ... | ... | ... | ... | 2·21 | ... | ... | 2·21 | |
| Rawalpindi. | Pindigheb | 24th June | ... | ... | ... | 0·24 | 1·65 | ... | ... | 1·89 | |
| | Fatahjang | 17th Do. | ... | 0·62 | 2·03 | ... | 1·10 | ... | ... | 3·75 | |
| | Attock | 16th Do. | ... | ... | 2·40 | ... | 0·10 | ... | ... | 2·50 | |
| | Ráwalpindi | 28th Do. | 0·47 | ... | ... | 3·51 | 0·13 | ... | ... | 4·11 | |
| | Gujar Khan | 24th Do. | 0·70 | ... | 0·73 | 0·66 | 1·75 | 0·14 | ... | 3·98 | |
| | Kahuta | 27th Do. | ... | 0·68 | 0·05 | 0·02 | 4·28 | 0·25 | ... | 5·28 | |
| | Murree | 28th Do | ... | 0·20 | 1·40 | ... | 0·30 | 0·70 | ... | 2·60 | |
| Hazara. | Abbott-abad | 28th June | ... | 0·62 | 1·75 | R. | 0·35 | 0·15 | 0·23 | 3·10 | |
| | Mansáura | 25th Do. | 0·60 | 1·12 | 0·34 | ... | 0·97 | 0·27 | ... | 3·30 | |
| | Haripur | 28th Do. | ... | 0·45 | 0·90 | ... | 0·23 | ... | ... | 1·58 | |
| Peshawar. | Sawábi | 28th June | ... | ... | 0·50 | 0·07 | 0·40 | ... | ... | 0·97 | |
| | Lahore (Utman Bolak) | 17th May | ... | ... | 0·45 | ... | ... | ... | ... | 0·45 | |
| | Nowshera | 19th Do. | ... | ... | 0·75 | ... | ... | ... | 0·48 | 1·23 | |
| | Mardán | 16th June | ... | ... | 2·50 | ... | ... | ... | ... | 2·50 | |
| | Katlang | 26th April | ... | ... | 1·20 | ... | ... | ... | ... | 1·20 | |
| | Hashtnagar | 26th June | ... | ... | 0·49 | ... | ... | ... | ... | 0·49 | |
| | Doab Daudzai | 3rd May | ... | ... | 1·02 | ... | R. | ... | ... | 1·02 | |
| | Peshawar | 9th June | ... | ... | 0·70 | 0·11 | ... | 0·04 | ... | 0·85 | |
| Kohat. | Kohát | 24th June | ... | D.T. 0·58 | T. | ... | ... | ... | T. | 0·58 | |
| | Hangu | 27th Do. | ... | 1·20 | 1·40 | ... | ... | ... | ... | 2·60 | |
| | Thal | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 25th June | ... | 1·53 | ... | ... | ... | ... | ... | 1·53 | |
| Bannu. | Miánwáli | 24th March | ... | ... | ... | ... | ... | 0·09 | ... | 0·09 | |
| | Isa Khel | 26th April | ... | 0·09 | ... | ... | 0·39 | ... | 0·20 | 0·68 | |
| | Bannu | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | 11th Do. | ... | ... | ... | 0·06 | 1·18 | ... | ... | 1·24 | |
| Dera Ismail Khan. | Tánk | 26th June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | Ditto | ... | ... | ... | 1·30 | ... | 0·39 | ... | 1·69 | |
| | D. I. Khan | Ditto | ... | ... | ... | ... | 1·03 | ... | ... | 1·03 | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 5th May | ... | ... | ... | ... | 1·00 | ... | ... | 1·00 | |
| Dera Ghazi Khan. | Sangarh | 1st May | ... | ... | 0·45 | 0·40 | 0·19 | ... | ... | 1·04 | |
| | Dera Ghází Khan | 25th April | ... | R. | R. | ... | 0·20 | ... | ... | 0·20 | |
| | Fort Munro | 27th June | ... | ... | 0·22 | ... | 1·63 | 0·35 | ... | 2·20 | |
| | Jampur | 24th April | ... | ... | ... | R. | R. | ... | ... | ... | |
| | Rájanpur | 15th Septr. | ... | R. | ... | 0·17 | 0·30 | ... | ... | 0·47 | |
| Muzaffargarh. | Alipur | 23rd March | ... | 0·10 | R. | 0·53 | 0·16 | ... | ... | 0·79 | |
| | Muzaffargarh | 24th April | ... | 0·29 | 0·61 | 1·12 | 0·43 | ... | ... | 2·45 | |
| | Sinánwán | 23rd March | ... | ... | ... | 0·15 | 0·04 | ... | ... | 0·19 | |

PESTONJI, *Supdt.*,

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## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890.

Explanation :—(*c*). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 2·19 | 3·33 | 2·29 | 3·66 | 0·21 | 4·23 | 4·44 | There has been a fair fall of rain throughout the district. Ploughing and sowing progressing actively. The tanks have been replenished and grass is springing up. Locusts appeared in tahsíls Sirsa, Fatahabad and Hissar, but done no damage. Health of people on the whole good. |
| | Fatahabad ... | 2·19 | 2·92 | 1·99 | 3·69 | 0·63 | 4·05 | 4·67 | |
| | Barwála ... | 2·28 | 3·32 | 2·30 | 4·43 | 0·53 | 5·49 | 6·02 | |
| | **Hissar** ... | **2·32** | **2·91** | **1·97** | **2·50** | **0·55** | **3·79** | **4·34** | |
| | Hánsi ... | 2·14 | 3·28 | 2·28 | 6·00 | 0·46 | 7·25 | 7·71 | |
| | Bhiwáni ... | 2·27 | 3·77 | 2·65 | 3·02 | 0·54 | 4·06 | 4·60 | |
| | Budhláda ... | ... | ... | ... | 1·97 | 0·59 | 1·97 | 2·56 | |
| | Dhaneta (*c*) ... | ... | ... | ... | 2·25 | 1·21 | 2·59 | 3·80 | |
| Rohtak. | **Rohtak** ... | **2·70** | **3·84** | **2·92** | **1·30** | **0·65** | **1·95** | **2·60** | Rain throughout the Jhajjar Tahsíl. Ploughing and sowing operations progressing favourably, but in the Rohtak, Gohána and Sámpla Tahsíls the falls have been slight, nevertheless sowings of bájra are being made. Canal crops all healthy. Rice sowings in progress. General health of the district very good. |
| | Gohána ... | 2·86 | 4·15 | 3·16 | 2·68 | 0·65 | 4·45 | 5·11 | |
| | Sámpla ... | 2·71 | 4·03 | 3·10 | 3·29 | ... | 3·97 | 3·97 | |
| | Jhajjar ... | 2·50 | 4·49 | 3·30 | 3·72 | 1·03 | 4·29 | 5·32 | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | 1·77 | 1·43 | 2·07 | 3·50 | There has been good rain over the district during the last month. Sowings are going on vigorously all over the district, and prospects are so far good. Early cotton has been scarcely sown at all this year. The fodder has been much benefited by the rain, and there is no apprehension on the scene at present. More rain is wanted. The locusts have again visited the district; enquiries are being made. |
| | Játusána ... | ... | ... | ... | 2·42 | 0·40 | 2·42 | 2·82 | |
| | Rewári ... | 1·97 | 3·20 | 2·31 | 3·20 | 0·50 | 3·20 | 3·70 | |
| | Shahjahánpur ... | ... | ... | ... | 3·37 | 0·95 | 3·37 | 4·32 | |
| | Tauru ... | ... | ... | ... | 1·90 | 0·15 | 1·90 | 2·05 | |
| | Nuh ... | 2·15 | 4·02 | 3·09 | 5·25 | 0·92 | 5·45 | 6·37 | |
| | Fírozpur ... | 1·26 | 3·42 | 2·24 | 8·32 | 0·70 | 8·32 | 9·02 | |
| | Hodal ... | ... | ... | ... | 4·90 | ... | 5·10 | 5·10 | |
| | Hattin ... | ... | ... | ... | 4·23 | 0·27 | 4·79 | 5·06 | |
| | Palwal ... | 1·86 | 3·51 | 2·50 | 2·70 | 0·40 | 2·70 | 3·10 | |
| | Sohna ... | ... | ... | ... | 4·35 | 0·30 | 4·35 | 4·65 | |
| | **Gurgaon** ... | **2·44** | **3·47** | **2·56** | **2·57** | **1·19** | **2·97** | **4·16** | |
| | Punhana ... | ... | ... | ... | 4·69 | 0·15 | 4·69 | 4·84 | |
| Delhi. | Ballabgarh ... | 2·39 | 4·22 | 3·26 | 5·36 | 1·18 | 6·26 | 7·44 | Cotton cultivation in progress. More rain is urgently wanted. Canal was full and irrigation was resorted to when required. |
| | Mahrauli ... | ... | ... | ... | 1·50 | 0·80 | 1·89 | 2·69 | |
| | **Sadr (Delhi)** ... | **3·01** | **4·15** | **3·12** | **2·03** | **0·82** | **3·17** | **3·99** | |
| | Sonepat ... | 3·10 | 4·71 | 3·68 | 0·85 | 1·03 | 2·30 | 3·33 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(continued).

Explanation :—(c). Canal Rain-guage Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 4·22 | 4·80 | 3·60 | 2·65 | 0·86 | 4·65 | 5·51 | Sowings commenced all over the district. Good rains lately, but not quite in time for cotton sowing. Health of people good. |
| | **Karnal** ... | **4·33** | **5·66** | **4·17** | **7·13** | **1·44** | **7·88** | **9·32** | |
| | Rajaund ... | ... | ... | ... | 2·80 | 0·20 | 2·80 | 3·00 | |
| | Kaithal ... | 1·95 | 3·65 | 2·74 | 5·45 | 0·40 | 5.70 | 6·10 | |
| | Gulah ... | ... | ... | ... | 3·43 | 1·33 | 4·32 | 5·65 | |
| Umballa. | Pipli ... | 4·29 | 4·61 | 3·41 | 3·82 | 0·65 | 5·10 | 5·75 | Kharíf sowing in progress. |
| | Jagádhri ... | 5·86 | 7·25 | 5·43 | 1·24 | 1·70 | 1·32 | 3·02 | |
| | **Umballa** ... | **5·42** | **5·51** | **3·37** | **4·45** | **1·40** | **6·07** | **7·47** | |
| | Naráingarh ... | 6·37 | 6·62 | 4·69 | 4·63 | 0·99 | 7·88 | 8·87 | |
| | Kharar ... | 5·49 | 5·94 | 4·29 | 1·38 | 2·71 | 2·53 | 5·24 | |
| | Rúpar ... | 5·18 | 4·55 | 3·25 | 3·93 | 2·88 | 5·29 | 8·17 | |
| | Kolra ... | ... | ... | ... | 1·40 | 0·35 | 1·40 | 1·75 | |
| | Jodhpur ... | ... | ... | ... | 3·84 | ... | 3·84 | 3·84 | |
| | Raniki ... | ... | ... | ... | 2·35 | 0·70 | 2·50 | 3·20 | |
| | Dádápur ... | ... | ... | ... | 0·80 | 0·33 | 0·85 | 1·18 | |
| Simla. | Kasauli ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Baraulı ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Simla** ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Kháı ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách ... | 7·94 | 5·91 | 3·69 | 1·62 | 5·60 | 7·13 | 12·73 | Excepting Plách the rainfall during the month was sufficient for agricultural purposes. The kharíf (maize and rice) sowings have been nearly completed in all parts. |
| | Kulu ... | 8·90 | 6·46 | 3·94 | 0·96 | 10·71 | 7·14 | 17·85 | |
| | Nagar ... | 24·02 | 12·75 | 3·75 | 1·63 | 9·04 | 7·17 | 16·21 | |
| | Pálampur ... | 14·81 | 13·42 | 9·03 | 12·12 | 10·29 | 15·87 | 26·16 | |
| | Hamírpur ... | 7·86 | 6·62 | 4·36 | 5·09 | 6·97 | 8·16 | 15·13 | |
| | Dera ... | 9·56 | 7·04 | 4·62 | 2·31 | 6·18 | 3·88 | 10·06 | |
| | Kángra ... | 9·76 | 8·95 | 6·13 | 13·95 | 5·05 | 17·90 | 22·95 | |
| | **Dharmsala** ... | **17·14** | **15·67** | **10·85** | **8·05** | **8·46** | **11·21** | **19·67** | |
| | Núrpur ... | 12·69 | 8·46 | 5·46 | 2·98 | 3·17 | 5·58 | 8·75 | |
| Hoshiarpur. | Dasúya ... | 6·91 | 4·84 | 3·24 | 2·08 | 2·20 | 2·44 | 4·64 | The kharíf crops have been sown everywhere. Jowár and maize require more rain and their sowing has not been so extensive as before. Should there be some good showers within a fortnight a further area will be sown with maize and jowár crops. |
| | Una ... | 6·91 | 5·62 | 3·78 | 1·83 | 2·49 | 3·24 | 5·73 | |
| | Garhshankar ... | 6·40 | 4·70 | 3·14 | 2·63 | 1·53 | 3·03 | 4·56 | |
| | **Sadr Station** ... | **6·22** | **4·91** | **3·34** | **3·84** | **2·57** | **4·77** | **7·34** | |
| | Hoshiárpur ... | 6·22 | 4·91 | 3·34 | 3·88 | 2·84 | 4·89 | 7·73 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| JULLUNDUR. | **Jullundur** ... | **4·99** | **3·90** | **2·46** | **3·64** | **1·68** | **3·94** | **5·62** | Kharíf ploughing, moth and jawár sowing commenced. Health of people good. |
| | Nakodar ... | 5·00 | 3·72 | 2·27 | 4·65 | 1·80 | 5·24 | 7·04 | |
| | Phillour ... | 5·67 | 3·90 | 2·44 | 2·54 | 2·18 | 3·08 | 5·26 | |
| | Nawashahr ... | 5·96 | 3·94 | 2·38 | 3·44 | 1·88 | 3·81 | 5·69 | |
| LUDHIANA. | Samrála ... | 5·81 | 4·17 | 2·29 | 4·74 | 1·66 | 5·02 | 6·68 | Kharíf sowings in progress. Health of people fair. |
| | **Ludhiana** ... | **6·23** | **4·39** | **2·33** | **3·72** | **2·26** | **4·22** | **6·48** | |
| | Jagraon ... | 4·36 | 3·18 | 1·66 | 2·86 | 0·64 | 3·28 | 3·90 | |
| FEROZEPORE. | Moga ... | 3·88 | 3·31 | 1·94 | 1·85 | 0·47 | 2·20 | 2·67 | The rainfall during the month has been unusually good for June, and has been fairly general, resembling a premature commencement of the rainy season. The kharíf prospects so far are good. The health of the people has been fair. There was sufficient water in the Sirhind Canal. |
| | Zíra ... | 4·37 | 3·95 | 2·43 | 2·62 | 1·02 | 3·37 | 4·39 | |
| | **Ferozepore Sadr** ... | **3·82** | **3·51** | **2·29** | **2·63** | **0·91** | **2·93** | **3·84** | |
| | Ferozepore City ... | 3·82 | 3·51 | 2·29 | 2·91 | 0·89 | 3·20 | 4·09 | |
| | Muktsar ... | 2·12 | 2·16 | 1·27 | 2·02 | 0·08 | 2·02 | 2·10 | |
| | Fázilka ... | 2·09 | 2·79 | 1·60 | 1·03 | 0·52 | 1·03 | 1·55 | |
| | Nathána ... | ... | ... | ... | 2·90 | ... | 2·90 | 2·90 | |
| | Gobindgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| MOOLTAN. | Mailsi ... | 4·45 | 0·92 | 0·26 | ... | 0·12 | 0·80 | 0·92 | Condition of crops and health of people good. Good rain nearly 2 inches has fallen in Mooltan since the beginning of July. |
| | Lodhrán ... | 6·36 | 1·07 | 0·31 | ... | 0·07 | ... | 0·07 | |
| | Shujabad ... | 7·83 | 1·38 | 0·41 | ... | 0·36 | ... | 0·36 | |
| | **Mooltan** ... | **7·05** | **1·17** | **0·37** | **0·22** | **0·50** | **0·22** | **0·72** | |
| | Kabirwala ... | 6·84 | 1·18 | 0·44 | 0·30 | 0·20 | 0·30 | 0·50 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 2·16 | 2·01 | 0·92 | 0·29 | 0·46 | 0·37 | 0·83 | Condition of crops good in Jhang and Chiniot Tahsíls. Kharíf sowings in progress in the district. In Jhang and Chiniot land is being tilled for next rabi. In Tahsíl Shorkot for want of rain and owing to hot winds tender plants of cotton are withering away, but sowing of cotton seed is repeated. |
| | **Jhang** ... | **2·26** | **1·94** | **0·99** | **2·53** | **0·55** | **2·74** | **3·29** | |
| | Chiniot ... | 2·77 | 2·48 | 1·14 | 4·20 | 1·53 | 5·80 | 7·33 | |
| Montgomery. | Gugera ... | 1·70 | 1·24 | 0·74 | 2·15 | 0·76 | 2·77 | 3·53 | The rabi has been harvested. Kharíf sowings commenced. The want of fodder in the Montgomery Tahsíl has caused loss in cattle. The canals taking from the Sutlej are flowing, not those from the Ravi. There has been no rain to speak of except in Tahsíl Gugera. |
| | **Montgomery** ... | **2·20** | **1·82** | **1·14** | **0·33** | **0·50** | **0·33** | **0·83** | |
| | Pákpattan ... | 1·70 | 1·47 | 0·88 | 0·42 | 0·62 | 0·42 | 1·04 | |
| | Dipálpur ... | 1·65 | 1·49 | 0·92 | 1·16 | 0·76 | 1·19 | 1·95 | |
| Lahore. | Van (*c*) ... | 2·53 | 2·64 | 1·19 | 4·12 | 2·52 | 4·35 | 6·87 | There was general rain throughout the district on the 8th and 9th: Irrigated crops benefited thereby. Mellons and tobacco slightly injured by one or two dust-storms that prevailed during the month. Fodder and grass plentiful for the present. Health of men is good. |
| | Chunián ... | 3·36 | 2·34 | 1·18 | 1·31 | 1·84 | 1·31 | 3·15 | |
| | Kasúr ... | 3·28 | 2·77 | 1·43 | 2·94 | 2·05 | 3·29 | 5·34 | |
| | Pambe (*c*) ... | 2·83 | 3·25 | 1·31 | 2·35 | 0·82 | 2·77 | 3·59 | |
| | Sharakpur ... | 2·61 | 2·20 | 1·17 | 2·00 | 1·27 | 2·60 | 3·87 | |
| | Niáz Beg (*c*) ... | 3·77 | 2·75 | 1·28 | 2·10 | 1·04 | 2·70 | 3·74 | |
| | **Lahore** ... | **4·00** | **3·18** | **1·74** | **2·59** | **1·08** | **3·91** | **4·99** | |
| | Meean Meer (*c*) ... | 4·60 | 3·72 | 1·63 | 5·15 | 1·12 | 6·60 | 7·72 | |
| | Manihála (*c*) ... | 3·60 | 2·68 | 1·35 | 4·64 | 2·17 | 5·02 | 7·19 | |
| | Dafthu ... | ... | ... | ... | 0·35 | 1·26 | 0·68 | 1·94 | |
| Amritsar. | Buchar (*c*) ... | 2·86 | 2·57 | 1·45 | 5·92 | 1·31 | 6·54 | 7·85 | Condition of crop good. Health of people good. Favourable early rains. No complaints against canal working. |
| | Khara (*c*) ... | 2·37 | 2·81 | 1·05 | 5·30 | 2·83 | 6·43 | 9·26 | |
| | Tarn Táran ... | 3·89 | 3·30 | 2·01 | 3·45 | 1·43 | 4·40 | 5·83 | |
| | Raya (*c*) ... | 3·73 | 2·61 | 1·50 | 4·80 | 1·55 | 5·83 | 7·38 | |
| | Jandiála (*c*) ... | 3·72 | 2·56 | 1·59 | 4·26 | 1·61 | 5·28 | 6·89 | |
| | Jail Hospital ... | 4·46 | 3·73 | 2·24 | 4·32 | 1·15 | 5·51 | 6·66 | |
| | **Amritsar Tashil** .. | **4·46** | **3·73** | **2·24** | **3·47** | **1·60** | **4·30** | **5·90** | |
| | Amritsar (*c*) ... | ... | ... | ... | 2·90 | 1·24 | 4·10 | 5·34 | |
| | Buggeh (*c*) ... | 2·89 | 2·72 | 1·34 | 3·35 | 1·62 | 4·15 | 5·77 | |
| | Ajnála ... | 3·48 | 2·86 | 1·70 | 3·72 | 1·43 | 4·50 | 5·93 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (c) ... | 6·10 | 4·48 | 3·16 | 3·65 | 1·01 | 5·00 | 6·01 | Kharíf crops are being sown. Health of people good. |
| | Batála ... | 5·91 | 5·18 | 3·71 | 2·96 | 1·16 | 3 57 | 4·73 | |
| | Kaler (c) ... | 7·49 | 5·54 | 3·92 | 3·77 | 1·84 | 4·18 | 6·02 | |
| | Tibri (c) ... | 7·18 | 5·26 | 3·68 | 3·87 | 1·15 | 4·62 | 5·77 | |
| | **Gurdaspur** ... | **6·55** | **4·91** | **3·64** | **5·25** | **2·07** | **6·37** | **8·44** | |
| | Bhimpur (c) ... | 9·62 | 6·84 | 4·59 | 1 98 | 2·04 | 4·01 | 6·05 | |
| | Pathánkot ... | 8·59 | 7·93 | 5·63 | 4 35 | 2·78 | 5·84 | 8·62 | |
| | Dalhousie ... | 11·36 | 12·46 | 8 20 | 4·42 | 7·77 | 8·88 | 16·65 | |
| | Mádhopur (c) ... | 10·14 | 8·95 | 6·09 | 3·00 | 2·45 | 4·04 | 6·49 | |
| | Shakargarh ... | 8·52 | 7·19 | 5·17 | 4·35 | 2·00 | 4 99 | 6·99 | |
| SIALKOT. | Zafarwál ... | 6·62 | 5·17 | 2·52 | 5·25 | 1·40 | 7 50 | 8·90 | There has been good rain during the month, and the people are hard at work ploughing and sowing of land. There is every hope now that there will be no furth r insufficiency of fodder. Health of people good. The rivers are full but there have been no marked floods as yet. |
| | Pasrúr ... | 5·98 | 5·27 | 2·49 | 5·20 | 1·38 | 6·88 | 8·26 | |
| | Raya ... | 3·63 | 3·57 | 1·71 | 3·60 | 1·05 | 4·34 | 5·39 | |
| | Daska ... | 5·29 | 4·14 | 1·91 | 4·50 | 1 69 | 6·50 | 8·19 | |
| | **Sialkot** ... | **6·71** | **5·66** | **2·93** | **5·03** | **2·26** | **7·11** | **9·37** | |
| GUJRAT. | **Sadr** ... | **7·20** | **4·39** | **2·48** | **5·97** | **1·51** | **9·14** | **10·65** | Kharíf sowings in progress. Prospects good. Health of people good. Slight floods from hill torrents. Rivers rising. |
| | Gujrát ... | 7·20 | 4·39 | 2·48 | 6·21 | 1·43 | 9·37 | 10 80 | |
| | Khárián ... | 7·81 | 4·92 | 2·66 | 2·65 | 1·81 | 5·57 | 7·38 | |
| | Phália ... | 5·39 | 3·41 | 1·69 | 2·52 | 2·23 | 3·57 | 5·80 | |
| GUJRANWALA. | Rámnagar ... | 4·29 | 2·83 | 0·63 | 4·05 | 1·64 | 5·88 | 7·52 | Rain during the month has been general and plentiful for the season. The kharíf crops are doing well, and a large area of bárání crops,—moth, jowár, másh, &c.—is being sown. The heavy showers in the last days of the month will remove the scarcity of green fodder. Prices steady. |
| | Wazirabad ... | 5·55 | 3 32 | 1 58 | 4·82 | 1·40 | 6·98 | 8·38 | |
| | **Sadr Kacheri** ... | **5·24** | **3·25** | **1·66** | **2 80** | **2·86** | **4·35** | **7·21** | |
| | Shekhupura ... | 2·26 | 1·86 | 0·91 | 2 70 | 0·90 | 3·00 | 3·90 | |
| | Háfizabad ... | 4 07 | 2·71 | 1·37 | 4·10 | 1·35 | 4·59 | 5·94 | |
| | Meluana (c) ... | ... | ... | ... | 4·50 | 1·81 | 4·50 | 6·31 | |
| | Shahkot (c) ... | ... | ... | ... | 2·40 | 2·23 | 3·00 | 5·23 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June. | Total. | Condition of crops and health of people. |
| SHAHPUR. | Midh ... | 3·73 | 2·43 | 1·53 | 1·84 | 1·68 | 2·48 | 4·16 | Preparations for kharíf delayed owing to scarcity of rainfall except in the hill tracts of Khusháb where they are more forward. In Shahpur Tahsíl the slight rainfall has benefited the past rabi crops, melons, &c. Prices stationary,—at 19 seers. Health good. Cotton prospects good in Shahpur Tahsíl. Fodder somewhat scarce but general prospects good. Fine rain falling at present time. Cattle having the bar for the riverain tracts. |
| | Sahiwál ... | 2·74 | 3·68 | 1·13 | 2·20 | 0·81 | 3·18 | 3·99 | |
| | Núrpur ... | 1·23 | 1·83 | 0·03 | 3·50 | 0·73 | 4·00 | 4·73 | |
| | Mitha Tiwána ... | 2·75 | 2·54 | 1·04 | 1·01 | 0·40 | 1·60 | 2·00 | |
| | Sakesar ... | 2·31 | 2·26 | 0·77 | 1·42 | 0·60 | 2·33 | 2·93 | |
| | Naushahra ... | 3·45 | 5·47 | 1·07 | 0·60 | 1·50 | 1·84 | 3·34 | |
| | Khusháb ... | 2·56 | 2·04 | 0·94 | 1·06 | 1·02 | 1·48 | 2·50 | |
| | **Shahpur** ... | **3·58** | **2·43** | **1·20** | **1·82** | **1·03** | **2·68** | **3·71** | |
| | Bhera ... | 3·60 | 2·62 | 1·14 | 0·33 | 0·44 | 1·38 | 1·82 | |
| | Miáni ... | 5·03 | 2·57 | 0·37 | 0·45 | 1·60 | 0·65 | 2·25 | |
| JHELUM. | Pind Dádan Khan ... | 4·25 | 2·46 | 1·32 | 0·76 | 1·76 | 1·90 | 3·66 | Rain has fállen in the four tahsíls. Kharíf crops are being sown, and land is being prepared for rabi. Extra rabi crops have been gathered. No inundation in the river Jhelum. |
| | **Jhelum** ... | **6·03** | **3·57** | **1·93** | **2·66** | **1·69** | **5·51** | **7·20** | |
| | Chakwál ... | 4·13 | 2·58 | 1·14 | 0·43 | 1·81 | 3·67 | 5·48 | |
| | Talagang ... | 4·80 | 2·93 | 1·35 | 3·51 | 1·66 | 5·96 | 7·62 | |
| RAWALPINDI. | Pindigheb ... | 5·13 | 3·10 | 0·76 | 0·33 | 2·14 | 2·57 | 4·71 | Kharíf sowings in progress. Rain much wanted in Attock. |
| | Fatahjang ... | 10·10 | 3·32 | 0·37 | 0·40 | 3·83 | 1·10 | 4·93 | |
| | Attock ... | 7·15 | 4·23 | 0·43 | 0·60 | 1·90 | 2·40 | 4·30 | |
| | **Rawalpindi** ... | **8·56** | **5·40** | **1·72** | **1·71** | **4·07** | **4·92** | **8·99** | |
| | Gujar Khan ... | 10·17 | 4·00 | 0·30 | 2·09 | 4·55 | 6·24 | 10·79 | |
| | Kahuta ... | 12·04 | 4·52 | 0·47 | 1·43 | 2·94 | 3·27 | 6·21 | |
| | Murree ... | 12·85 | 9·87 | 2·65 | 1·80 | 3·40 | 6·30 | 9·70 | |
| HAZARA. | **Abbott-abad** ... | **15·31** | **9·33** | **3·01** | **1·03** | **6·81** | **6·02** | **12·83** | Rainfall quite insufficient for sowings and ploughings, and scarcity of water for drinking and scarcity of pasturage for want of rainfall continues. In Abbott-abád some seed sown in dry lands. No rain at all in Kali Badhak, Tahsíl Haripur. No sowing in plain tracts Haripur Tahsíl. Health of people generally good. Prices somewhat rising. Water from cuts and irrigation channels continues scarce. |
| | Mansáhra ... | 12·76 | 7·75 | 2·40 | 1·38 | 6·59 | 7·34 | 13·93 | |
| | Haripur ... | 10·95 | 6·54 | 2·09 | 1·40 | 3·60 | 2·83 | 6·43 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| PESHAWAR. | Sawábi ... | 6·86 | 4·00 | 0·36 | 0·90 | 5·43 | 2·48 | 7·91 | The kharif cultivation is still in progress. The condition of sugarcane, chillies, jawár and cotton which were sown early on irrigated lands is good. Fruit is not as plentiful as in past years. There is scarcity of fodder in the Peshávar, Mardán, Naushahra and Utmán Bolak Tahsíls. Health good. Floods from hill torrents came down the Bára stream during the month. There was some rain in the beginning of July 1890, which will prove useful for kharíf sowings. |
| | Lahore (Utmán Bolak) | 8·95 | 4·20 | 0·37 | ... | 1·90 | 1·30 | 3·20 | |
| | Naushahra ... | 7·40 | 4·15 | 0·36 | ... | 3·93 | 1·40 | 5·33 | |
| | Mardán ... | 9·48 | 4·80 | 0·47 | 0·06 | 3·72 | 1·89 | 5·61 | |
| | Katlang ... | 7·43 | 3·93 | 0·42 | ... | 4·07 | 1·30 | 5·37 | |
| | Hashtnagar ... | 6·00 | 3·03 | 0·28 | 0·30 | 1·53 | 1·53 | 3·06 | |
| | Doáb Daudzai ... | 6·92 | 3·48 | 0·30 | ... | 2·00 | 1·23 | 3·23 | |
| | **Peshawar** ... | **5·82** | **2·69** | **0·35** | **0·02** | **1·66** | **2·43** | **4·09** | |
| KOHAT. | **Kohat** ... | **6·48** | **3·84** | **1·10** | **1·01** | **3·38** | **5·42** | **8·80** | There has been good and seasonable rain during the month. Kharíf crops, such as rice, bájra, mung, moth and cotton have been or are being sown both in the irrigated and unirrigated lands. Sowings on unirrigated lands have nearly been completed and standing crops promise well. Health of the people is fair. |
| | Hangu ... | ... | ... | ... | 1·60 | 2·70 | 3·10 | 5·80 | |
| | Thal ... | ... | ... | ... | ... | 2·00 | 3·98 | 5·98 | |
| | Karak ... | ... | ... | ... | 3·35 | 2·46 | 6·75 | 9·21 | |
| BANNU. | Miánwáli ... | 2·95 | 3·35 | 1·01 | 0·04 | 0·38 | 0·04 | 0·42 | Kharíf crop good. Rain wanted. Health of the people good. Rate of wheat is from 24 to 25 seers. No locusts appeared. Channel working good. |
| | Isa Khel ... | 3·13 | 3·00 | 0·95 | ... | 2·18 | 0·48 | 2·66 | |
| | **Bannu** ... | **3·79** | **3·16** | **1·10** | **0·53** | **2·27** | **2·29** | **4·56** | |
| | Marwat ... | 4·72 | 4·14 | 1·30 | 0·27 | 3·98 | 1·06 | 5·04 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·45 | 2·60 | 0·10 | 1·03 | 0·97 | 3·32 | 4·29 | Condition of extra rabi and cotton crops improved by recent rains. Fodder supply an average. Prices stationary. |
| | Kuláchi ... | 2·26 | 1·81 | 0·60 | 1 03 | 0·98 | 2·28 | 3·26 | |
| | **Dera I. Khan** ... | **2·52** | **1·79** | **0·66** | **1·00** | **0·52** | **1·58** | **2·10** | |
| | Bhakkar ... | 2·98 | 1·67 | 0·53 | 0·57 | 0·65 | 1·06 | 1·71 | |
| | Leiah ... | 1·74 | 1·57 | 0·54 | ... | 0·01 | 0·26 | 0·27 | |
| D. G. Khan. | Sangarh ... | 1·42 | 1·15 | 0·49 | ... | 0·30 | 0·69 | 0·99 | Kharif sowings in progress. Health of people good. Canals are working well. |
| | **Dera G. Khan** ... | **1·86** | **1·31** | **0·55** | ... | **0·46** | **0·20** | **0·66** | |
| | Fort Munro ... | 0·92 | 1·72 | 0·27 | 2·27 | ... | 2·27 | 2·27 | |
| | Jámpur ... | 1·88 | 1·11 | 0·38 | ... | 0·69 | 0·14 | 0·83 | |
| | Rájanpur ... | 3·24 | 0·76 | 0·20 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 2·30 | 1·86 | 0·62 | ... | 0·10 | ... | 0·10 | Kharif crops being sown. They are in good condition. Supply of canal water sufficient. |
| | **Muzaffargarh** ... | **1·37** | **1·06** | **0·40** | ... | **0·61** | **0·23** | **0·84** | |
| | Sináuwán ... | 1·28 | 1·07 | 0·38 | ... | 1·19 | ... | 1·19 | |

PESTONJI *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF REPORTS ON THE RABI CROP OF THE PUNJAB FOR 1890.

THROUGHOUT the Province good rain fell in July and August 1889. Practically none fell after the first week in September until after Christmas.

In the end of January slight showers fell generally, and in February a small amount of rain fell everywhere except in the Delhi Division. There was very little rain in March and in the first part of April, and the heavy showers at the end of that month did no good to the crops.

The harvest was what might have been expected from the above remarks. The total area under crop in the rabi of 1890 was 10,655,800 acres as against 13,582,300 acres in 1889, when the harvest was an exceptionally good one. The decrease was 2,926,500 acres, or 22 per cent. The normal area under crop in the rabi, *i.e.*, the average for the last five (5) years, is 12,797,000 acres. The area this year was therefore 2,141,200 acres, or 17 per cent. below the normal.

The area on irrigated lands was 4,743,400 in 1889 and 4,805,500 in 1890, the increase being only 62,100 acres, or 1·3 per cent., but the unirrigated area cropped decreased from 8,838,900 to 5,850,300, or by 34 per cent. Taking the returns by Divisions we find:

In the Delhi Division in every district there was an actual increase in the irrigated area, the total being from 432,700 acres to 624,900 acres, or 44 per cent., but a very heavy decrease from 2,898,700 acres to 1,423,600 acres, or 50 per cent., in unirrigated lands. The crops grown on unirrigated lands in this Division were the poorest in the Province; those on irrigated lands were fair.

In the Jullundur Division also there was, except in the case of the Ferozepore District, where the nature of the irrigation requires a good rainfall, in all cases an increase in the irrigated and a heavy decrease in the unirrigated area.

In the Lahore Division the area of irrigated lands cropped shows little variation: in 1889 it was 2,783,600 acres; in 1890 it was 2,465,800 acres; nor except in Lahore was the falling-off in unirrigated area remarkable. The total area under crop in Mooltan, where about $\frac{4}{5}$ is irrigated, was larger than in 1889, and in Jhang and Amritsar there was little falling-off.

In several of these districts the crops grown on irrigated lands were exceptionally good, and in general here, and in the districts of the Ráwalpindi Division, although the straw crop was very light, the grain turned out much better than was expected and was of excellent quality even on unirrigated lands.

In the Ráwalpindi Division the falling-off in area cropped was most serious in the Jhelum and Ráwalpindi Districts. In each of these districts the irrigated area is insignificant.

In Siálkot there was a great falling-off in the unirrigated area.

In the Peshāwar Division there has been a considerable falling-off throughout both in irrigated and unirrigated lands, but by far the most serious was in the Peshāwar District, where the total area cropped in the rabi of 1890 was less than half that of the rabi of 1889—295,200 acres as against 607,000 acres; and the outturn has also been poor.

In the Derajāt Division there is a slight falling-off in the area under crop in Bannu, but an actual increase in both Dera Ismail Khan and Dera Ghāzi Khan. This was due in the case of Dera Ismail Khan to the construction of certain works for the retention and distribution of water, and in the latter to the condition of the hill torrents at sowing time.

To sum up in a few words, the rabi crop of the Province has been in general a poor one owing entirely to scanty rainfall from seed time to harvest.

The supply of straw throughout has been much under the average. The crops grown on irrigated lands have usually turned out fairly, and in several cases have been very good; whereas the crop grown on unirrigated lands though much restricted in area, has, as regards yield and quality of grain, been much better than was expected, except in a few districts in the extreme south-west of the Province.

It may be noted as of interest that the decrease from last year's figures in the total area of rabi crops was 22 per cent.; the decrease in the area under wheat was 10·3 per cent.

# REPORTS ON THE RABI HARVEST, 1890.

## HISSAR DISTRICT.

As was to be expected, the area cropped has fallen enormously, from 421,254 acres to 287,240 acres, so that for the last three years there has been a decrease.

The irrigated area has risen from 43,183 to 49,492 acres, but the increase is in the Hánsi Tahsíl.

There was very little rain in September; none in October, November, December; so that the sowing season was as bad as it could be, and even if there had been a good sowing season, the winter rains failed and the crop could not have been good.

## ROHTAK DISTRICT.

As compared with last year the cultivation on unirrigated lands has been less by 227,825 acres, whereas there has been an increase of 23,702 acres on irrigated lands. The very great falling-off in the cultivation of unirrigated lands has been caused by the great scarcity of rain. The fact that the rabi crop at Sámpla and Gohána Tahsíls was a fairly good one is due to the heavy fall of rain that fell in these places on the 30th August, whereas in north and north-west of Rohtak and north, north-west and south of Jhajjar Tahsíls, for want of even a timely shower, the crop was a failure.

## GURGAON DISTRICT.

The rabi of 1890 was the worst which the district has experienced for several years. This was caused partly by contraction of other area sown owing to shortness of the autumn rains and the entire absence of the winter rains, and partly to inferiority of outturn, especially on baráni lands.

2. The area shown in VI B under wheat is slightly greater than that shown in 1889 ; and that shown under wheat, and wheat and barely is slightly less. This, however, does not represent the real state of the case if deficiency on outturn be allowed for fully.

The area under barley, and barley and gram shows a large decrease compared with the figures of last year.

The crop total for the district is 90,000 acres less than in 1889, when also the area sown contracted owing to short rain in the previous year.

3. Taking the district by tahsíls we have the following results :—

*Rewári.*—Irrigated area less than usual and outturn on the whole slightly below average. Unirrigated area sowings short and these failed entirely.

*Gurgaon.*—Irrigated area average : produce below average. Baráni crop very short in area and almost entirely failed. Dahar or flooded land inferior, but not so bad as baráni.

*Nuh.*—Well area and produce average. Canal area average and produce good. Dahar land fair. Baráni crop short in area and very poor.

*Firozpur.*—Well area above average and produce average. Flooded area short. Sowings and produce slightly below average. Baráni area very short and produce very inferior.

*Palwal.*—Irrigated area sowings above average in extent and outturn average. A large part of the tahsíl is protected by the canal. Baráni area sown short and produce inferior. The Khadar villages on the Jumna are worst of all.

The failure described above is mainly attributable to the almost entire failure of the winter rains. Had these come in fair quantity, the harvest, though perhaps not a good one owing to the shortness of the autumn rains, would certainly not have been below average in area and outturn.

## DELHI DISTRICT.

The canal and well area gives an increase of a little over 50 per cent., while the baráni area shows a corresponding decrease ; the total area cultivated being 25 per cent. below the area of the last rabi. This is due to the total failure of the September rains and to no rain having fallen in December. There was a slight sprinkling in January, which did not, however, help the cultivation. But it should be noted that notwithstanding the failure of the rains, the area cropped with wheat in the Sonepat Tahsíl gives a slight increase, which is due of course to the fact that this tahsíl has a larger canal irrigable area than both the other tahsíls of the district.

## KARNAL DISTRICT.

Total area under rabi cultivation in 1890 was 209,381 acres, irrigated being 130,613 and unirrigated 78,768 against 78,011 and 366,607 respectively in the corresponding harvest of the preceding year. This shows a net decrease in the total area of 235,237, there being an increase of 52,602 acres in the irrigated and a decrease of 287,839 acres in the unirrigated area. The great falling-off in the unirrigated and rise in the irrigated area are due to the total failure of the autumn rains all over the district.

The yield was, however, good, having been estimated at 115 per cent.

There was sickness during the season among cattle and men, but not to such an extent as to result in excessive mortality. The cattle, however, suffer very much from scarcity of fodder.

Poppy was cultivated in the Pehowa Iláqua on 17 acres as against 31 acres in the preceding year, which decrease is due to the scantiness of rain.

The average outturn of wheat per acre was 9 maunds and of gram 8.

The fodder was very scarce.

## UMBALLA DISTRICT.

The harvest has been very much below the average owing to the drought that prevailed from the beginning of September to the end of January last. The rain that fell subsequently too was insufficient in quantity.

The greatest damage to crops has occurred in Tahsíls Umballa and Kharar.

## SIMLA DISTRICT.

Yield below the average on account of want of rains.

## KANGRA DISTRICT.

The falling-off in the area under crops is attributable to untimely and insufficient rainfall.

## HOSHIARPUR DISTRICT.

During 1889-90 the area sown with rabi crops was 433,076 acres, which, contrasted with that sown in 1888-89, namely, 538,284 acres, shows a decrease in acreage of 105,208. This is due to the suspension of rain at the time of sowing the crops in October, November and December 1889. From the statistics furnished it also appears that crops sown in 49,597 acres, but not included in this statement, failed for want of adequate moisture consequent upon the dryness of the season.

*Cereals.*—The area under the principal crops are compared here—

| | *In* 1890. | 1889. | *Decrease.* |
|---|---|---|---|
| Wheat ... ... ... | 131,884 | 138,501 | 16,617 |
| Barley ... ... ... | 11,117 | 18,486 | 7,369 |
| Wheat and Barley (mixed) ... | 8,350 | 16,057 | 7,707 |
| Gram ... ... ... | 24,739 | 40,474 | 15,735 |
| Wheat and Gram (mixed) ... | 208,367 | 242,634 | 34,267 |
| Masar ... ... ... | 4,885 | 9,352 | 4,467 |
| Barley and Masar (mixed) ... | 7,464 | 14,583 | 7,119 |

In the total area under cereals there is a decrease of 93,281 acres.

*Oil-seeds.*—This also shows a decrease of 10,746 acres, chiefly apparent under the head "Rape."

*Miscellaneous crops.*—There is an increase in the area under melons (kharbúza and tarbúz), poppy, spices, *methe*, fodder for cattle, amounting to 1,756 acres, while the area under the remaining crops show a decrease of 3,108 acres. The subsequent rains in January, February, March and April 1890 as well as irrigation from wells have caused the increase in the area under the crops specified above, and almost all of which are sown subsequently.

*General Remarks.*—The yield has been less than in the preceding rabi; but the grain has been good, substantial and weighty in consequence of the subsequent rains. The straw has, however, been less.

## JULLUNDUR DISTRICT.

Crops on irrigated lands average, while on unirrigated lands they are bad for want of rain.

## LUDHIANA DISTRICT.

The outturn of irrigated lands was good. The produce of baráni lands was below average owing to want of sufficient rainfall.

## FEROZEPORE DISTRICT.

The season has been unfavorable throughout. There was but very little rain in the latter half of September 1889, of which, however, advantage was taken in ploughing and sowing for the rabi in the unirrigated lands. October, November and December 1889 were rainless. In January 1890 there was a little scattered rain in the Ferozepore and Zíra Tahsíls, which was of scarcely any benefit. In February the rain was better diffused throughout the district, and was beneficial. In fact but for this rain in February and March the crops on the unirrigated lands would have been a failure. As it is the area of cultivation in unirrigated lands is about two-thirds of last year.

The area cropped on the irrigated lands is about the same as last year.

Almost the entire decrease in area has been for the following staples :—

| | 1889. | 1890. | *Difference.* |
|---|---|---|---|
| Wheat ... ... | 468,262 | 351,428 | — 116,834 |
| Barley ... ... | 177,050 | 95,879 | — 81,171 |
| Gram ... ... | 335,153 | 321,628 | — 13,525 |
| Rape seed ... ... | 29,726 | 24,683 | — 5,043 |

There has been an increase under the following :—

| | 1889. | 1890. | *Difference.* |
|---|---|---|---|
| Fruits ... ... | 116 | 349 | + 233 |
| Vegetables ... ... | 927 | 1,415 | + 488 |
| Water and mash melons ... | 2,404 | 6,085 | + 3,681 |

*Note on the Harvest for the portion under Settlement by settlement Officer, Ferozepore.*

Owing to the almost total failure of the Christmas rains the unirrigated crops in Muktsar have suffered heavily, and the area that has been successful is only two-thirds of the area of last year. In Mamdot there is less difference. But for some rain which fell about 4th—6th March the crops would have been still worse. Barley has suffered most.

## MOOLTAN DISTRICT.

The total area cropped differs but little from that of last year—

| | Acres. |
|---|---|
| Rabi 1889 ... ... ... ... ... | 404,187 |
| Rabi 1890 ... ... ... ... ... | 407,110 |
| | + 2,923 |

It is noticeable, however, that the irrigated area is considerably less than last year, while the unirrigated has risen—

| | | Acres. |
|---|---|---|
| Irrigated ... | Rabi 1889 ... ... ... | 335,071 |
| | Rabi 1890 ... ... ... | 319,969 |
| | | — 15,102 |
| Unirrigated | Rabi 1889 ... ... ... | 69,116 |
| | Rabi 1890 ... ... ... | 87,141 |
| | | + 18,025 |

The decrease in the irrigated area is due entirely to the Kabírwála Tahsíl returns, where a falling-off of 20,000 acres in irrigated area has occurred. In Shujabad and Mooltan Tahsíls there are consideraole increases. The decrease in Kabírwála is due to the bad working of the Sidhnai Canal. In the unirrigated area of crops, Kabírwála again shows a decrease of 2,000 acres. All the other tahsíls show an increase.

*Wheat.*—In wheat on irrigated lands there has been no very noticeable difference, except in the Kabírwála Tahsíl. There has been an increase of 2,700 acres in Mooltan Tahsíl and of 2,300 acres in Shujabad, due chiefly to improved sailáb irrigation. On unirrigated lands the area cropped with wheat has risen from 4,817 to 8,084 in Lodhrán and in Mailsi from 5,603 acres to 11,081.

*Barley.*—There has been a slight falling-off in the area under barley, due again to the Kabírwála figures. The unirrigated area under this crop has increased somewhat.

*Gram.*—Total area has risen from 11,202 acres to 11,862 acres. Chief increase in Mooltan and Shujabad Tahsíls. A decrease of 1,500 acres in Kabírwála.

*Peas.*—A considerable total increase—

| | Acres. |
|---|---|
| 1889 ... ... ... ... ... | 23,048 |
| 1890 ... ... ... ... ... | 32,266 |
| | + 9,218 |

*Rape.*—There has been an increase of the area under rape—

| | Acres. |
|---|---|
| 1889 ... ... ... ... ... | 7,812 |
| 1890 ... ... ... ... ... | 9,053 |
| | + 1,241 |

The increase occurs in the Mooltan and Mailsi Tahslís. In Mooltan it is due to the better working of canals other than the Sidhnai and to extended sailáb irrigation in both tahsíls. The total area returned under this crop is less than it should have been supposed.

*Turnips, &c.*—There is a not very important decrease under this head.

The area under fodder crops has fallen from 7,099 acres to 6,516 acres, Mailsi being the only tahsíl showing an increase.

The area under poppy is shown as 37 acres against 26 last year.

On the whole there has been an increase in the sailáb cultivation. The area under the Sidhnai has fallen off. The Mooltan Tahsíl canals have worked well. On two canals in the Mailsi Tahsíl the area under crops has fallen off.

Apart from the Sidhnai lands, where the crop was a bad one, and the area returned as matured was less than half the total area sown, the rabi crop has been an average one. The area sown on sailáb lands was greater than last year, but the outturn has not been a very good one. The rivers rose well in the autumn, and so a larger sailáb area than usual was sown; but, owing to the utter absence of winter rains, the crops sown in many places dried up. With the exception of two canals in the Mailsi Tahsíl the canals irrigated a larger area than last year. Some of the crops on "cháhi-nahri" lands have been of first rate quality.

## JHANG DISTRICT.

The total area under cultivation was 264,668 acres as compared with 277,994 in the preceding year, a decrease of 13,326 acres as per detail given below :—

| Tahsil. | *Rabi* 1890. | | *Rabi* 1889. | | *Difference.* | |
|---|---|---|---|---|---|---|
| | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. | Irrigated. | Unirrigated. |
| Jhang ... ... ... | 86,056 | 21,107 | 87,971 | 24,160 | – 1,915 | – 3,053 |
| Chiniot ... ... ... | 66,758 | 14,685 | 67,748 | 18,976 | – 990 | – 4,291 |
| Shorkot ... ... ... | 49,470 | 26,592 | 49,771 | 29,368 | – 301 | – 2,776 |
| Total ... | 202,284 | 62,384 | 205,490 | 72,504 | – 3,206 | – 10,120 |

With the exception of wheat, "goji," and mattar, in which there was a slight increase, there has been falling-off in all kinds of grain crops, which may be attributed to the failure of seasonable rains and floods.

The outturn was generally good, but the grain is light and has not properly developed. The straw has been average in length.

## MONTGOMERY DISTRICT.

*Rainfall and river inundations.*—There was no rainfall during the months of October, November and December. If rain had fallen in those months a larger area than that under report would, no doubt, have been brought under cultivation. The average rainfall for the district during the months in which rain fell was as follows :—

| | |
|---|---|
| In January ... ... ... ... | 0·29 inch. |
| In February ... ... ... ... | 0·04 " |
| In March ... ... ... ... | 0·42 " |
| In April ... ... ... ... | 0·17 " |

Although this rain helped cultivation partly it was untimely and too scanty to be of material use. The Ravi remained dry for the greater part of the time, and it is greatly due to this that so small an area was sown on unirrigated lands in the Gugera and Montgomery Tahsíls. There was good river inundation in the Sutlej during the period under report, and it helped much in the rabi sowings in the Pákpattan and Dipálpur Tahsíls. The canals from the Ravi flowed during the months of July and August only, and those from the Sutlej flowed for a much longer time and benefited the rabi sowings on canal lands.

This has been also an average season only.

*Cultivation and produce.*—Owing to the causes already stated the sowings on the irrigated and sailába lands were only average. The crops on the Lower Sohág and Pára Canal may be classed as good. There was, however, an increase in the area sown on irrigated lands from 212,171 to 340,964 and on unirrigated lands from 76,023 to 92,621.

The outturn was an average one.

## LAHORE DISTRICT.

I. *Irrigated Crops.*—Of irrigated crops wheat area shows an increase of 2,762 acres as compared with the previous year. The principal increase was in Chuniáu. I have not got the figures for well irrigated and canal irrigated land by me at present, but the increase arose, I believe, in well irrigated lands. The Bári Doáb Canal supply was very short this year throughout the rabi crop season. Large areas cultivated in expectation of canal irrigation were left unsown for want of water; also a large quantity of crops actually sown with canal irrigation afterwards received no water and were spoilt. The area of canal irrigated wheat that was spoilt in each tahsíl was as follows :—

| | Acres. |
|---|---|
| Lahore ... ... ... ... ... | 4,510 |
| Kasúr ... ... ... ... ... | 3,485 |
| Chuniáu ... ... ... ... ... | 2,028 |

I have previously noted on Statement C. of Wheat Report that I was inclined to think the Patwáris must have under-estimated the area of spoilt crops on canal lands, and I am still of the same opinion. Irrigated gram shows an increase. The inundation canals, which alone are used to irrigate gram sowings, worked well last autumn.

II. *Unirrigated Crops.*—Unirrigated wheat shows a falling-off of 17,827 acres. This is explained partly by the early cessation of the autumn rains in August, and partly by the lowness of the two rivers Beas and Ravi throughout the sowing season and the winter months. The area of sailába wheat was very insignificant in contrast with that of the previous year. Unirrigated gram area of 1890 hardly reached one-third of that of 1889. The decrease shows itself proportionately in each tahsíl. Even for gram, which is the first spring crop to be sown, the rains ceased too early. The drought lasted throughout September, October, November and December and the first half of January. In the latter half of January there was a slight fall of rain, but insufficient to benefit unirrigated crops. In February there was practically no rain. The crops on the harder soils perished; on the sandier soils some survived into March, when they got a very inadequate moistening. From August to the end of February a whole inch of rain altogether did not fall in any tahsíl. The wonder is that there were any unirrigated crops at all. The rape area of 1889-90 was only one-quarter of that of the previous year. Still more marvellous does it seem that the yield of this year was remarkably good on all classes of land: even on unirrigated soils such crops as ripened had an outturn of grain far above the average. The zamíndárs when they commenced harvesting operations were fairly astonished at the excellence of the yield. So heavy were the crops of wheat on the canal irrigated lánds of the Lahore Mánjha that not more than three-quarters had been removed on the 8th and 9th of June, when an unseasonable storm of wind and rain of unusual violence burst over the district. Any crops lying out in that rain must have lost considerably in value. All round, however, the rabi season was not a favourable one. The area of crops was restricted, and the straw was very short everywhere. The latter fact is most unfortunate in view of the fact that in many parts of the district the fodder supplies had run out some time before the green fodder crops were fit to cut.

## AMRITSAR DISTRICT.

The summer rains ceased early, as had been the case in the two preceding years, and the last four months of year were absolutely rainless. Rain fell soon after Christmas, but in very small amounts. There was no one good fall. What rain did fall was fairly equally distributed through the three tahsíls, except that Ajnála got hardly any in January. The monthly averages were as follows :—

| | |
|---|---|
| January ... ... ... ... ... | ·22 |
| February ... ... ... ... ... | ·25 |
| March ... ... ... ... ... | ·83 |
| April ... ... ... ... ... | ·78 |

The fall in March came too late to be of much benefit, and that in April did as much harm as good. A tenth of an inch fell in May.

To make matters worse there was an unlooked for failure in the supply of water in the River Ravi. The demand for canal water could not be adequately met, and there was more failure than usual on canal lands Wells which had been thrown out of gear were again put into work, and the strain on the well cattle was considerable. Fortunately fodder had been fairly abundant in the kharíf.

The result was that the area under irrigated crops, compared with the average of the last three years, still further expanded. The increase was 1½ per cent., and in round numbers two-thirds of the crops harvested had been artificially watered. The baráni crops show a falling-off of 35 per cent. on the average of the last three years, and the total decrease in crops harvested was about 10 per cent.

Irrigated wheat rose from 189,000 to 219,000 and baráni wheat fell from 47,000 to 32,000 acres. The net result was an increase of fifteen thousand acres. Gram remained stationary. Wheat and gram fell off 42 per cent. and rape 59 per cent. Of the other crops fodder had to be largely grown, and poppy again fell off owing to increased rates, complexity of rules and excise prosecution.

The irrigated crops as a rule threshed out surprisingly well, and the yield, acre for acre, was much better than it was last year both in weight and quality of grain.

The baráni harvest was a thoroughly bad one, and the failure was very large. Gram succeeded on light lands, but both gram and berera failed extensively elsewhere. The harvest on the Ravi sailáb was a bad one, for the river was lower than had ever been known. That on the Beas was better. Rape shared the fate of gram, but gave good returns on light lands, and the price continued abnormally high. Extra rabi was an average crop, aided by the rain in April. Near Jandiála melons and tobacco were a good deal damaged by a local hail storm. Locusts settled once in Ajnála, but did little harm.

## GURDASPUR DISTRICT.

This has been one of the worst harvests which the district has experienced for many years. The regular rains ended in August, except in the Gurdáspur Tahsíl, where there were two fair showers in September, which did a great deal of good.

The autumn months were practically rainless, so sowings were carried out under the most unfavorable circumstances. The spring showers also failed or fell at the wrong time. By working the wells in Gurdáspur and Batála to the fullest extent, however, the irrigated crops did fairly well, and the outturn of grain was good and of very superior quality. In the two other tahsíls the people hung off expecting that rain would fall, and consequently, except on the river lands, where the harvest was good, the results were most disappointing. The area sown was almost equal to that of last year, but the area harvested, owing to the failures, which were unprecedentedly large, only amounted to 412,040 acres against 489,411. The percentage of failures is largest in the Shakargarh and Patlánkot Tahsíls, where the crops are mainly dependent on the rainfall. In the former tahsíl in the large Bharrari Circle there was a total failure, except on the few patches of moist land near the hill torrent and in depressions, the seed in most cases failing to germinate. The harvest in the Hill Circle of Pathánkot was not a 2 anna crop, and in many places the cattle were turned on to it to graze.

The falling-off has occurred under every head, and the only redeeming feature about the harvest is that the outturn of grain of all kinds was good and of fair quality. The straw was of course very short.

Stocks are fairly abundant, and owing to the small outturn this year the farmers have been able to dispose of a good deal of their last year's wheat, which, as already noted, was very poor in quality, though the outturn was fairly large.

## SIALKOT DISTRICT.

The autumn rains ceased on the 1st September 1889, and there was practically no rain again till April 1890 The result has been a net decrease in the area under cultivation of 95,927 acres of crops harvested compared with last year. There has been an increase of 1,811 acres on irrigated land and a decrease of 97,738 acres on unirrigated soils.

But the outturn was superior to that of last year. The straw was much poorer and the grain was better There was much less damage also done to crops by floods.

The injury done by hail was inconsiderable.

The total of oil-seeds shown in Zafarwál is correct. A mistake was made in the compilation of Statement C.

## GUJRAT DISTRICT.

The condition of the rabi crop was almost the reverse of that of last year. In 1889 the crop looked well and gave great promise, which was not fulfilled when it came to be threshed. In 1890 the crop looked poor, but the outturn in grain exceeded anticipation. There is a very marked decrease in the area of crops irrigated. This is not in my opinion due to any falling-off in irrigation, but to a difference of record caused by Settlement operations.

The area under extra rabi crops shows considerable decrease owing to want of rain at time of sowing.

## GUJRANWALA DISTRICT.

The following table shows the fluctuations in cultivation and crops raised for the last three years :—

| | Sown. | Failed. | Produced Crops. | Difference. |
|---|---|---|---|---|
| Rabi 1888 ... ... ... ... | 425,510 | 12,441 | 413,069 | |
| Rabi 1889 ... ... ... ... | 466,486* | 19,943 | 446,543 | * Increase of 40,976 on previous year. |
| Rabi 1890 ... ... ... ... | 416,370† | 31,037 | 385,333 | † Decrease 14 per cent. on previous year. |

It will be seen that in round figures the area sown was 9,000 acres less than in 1888 and 50,000 less than 1889, while the area that bore a crop was 28,000 acres less than in 1888 and 61,000 acres less than in 1889. Compared with 1889, which, however, was the biggest ratio on record, the falling-off is very serious.

The causes of—

(1) the falling-off in the area sown ;

(2) the increase in the area failed ;

are—

(*a*) complete failure of autumn rains at sowing time, which resulted in a great contraction of the barani area ;

(*b*) the drying up of the Chenab Canal in the Háfizabad Tahsíl from September to December, which caused a diminution of over 50 per cent. in the canal sowings ;

(*c*) failure of the winter rains.

From the end of August till February no rain fell, and the showers in February and March were too slight and came too late to be of much use to the unirrigated crops.

The falling-off of the cropped areas and the increase in the area failed are most marked in the Háfizabad and Gujránwála Tahsíls. In Wazírabad they are not considerable. The figures are :—

| | *Area failed.* | *Decreased increps raised.* |
|---|---|---|
| Háfizabad ... ... ... ... ... ... | 13,452 | 24,474 |
| Gujránwála ... ... ... ... ... ... | 13,239 | 27,231 |
| Wazirabad ... ... ... ... ... ... | 4,346 | 9,505 |

In Wazirabad the unirrigated area is very small. In Gujránwála and Háfizabad it is considerable.

The decrease in cultivation is distributed over all the most important crops, *viz.*—

| | Acres. | |
|---|---|---|
| Wheat ... ... ... ... | 26,219 | None of the important crops show an increase. |
| Barley ... ... ... ... | 9,075 | |
| Gram ... ... ... ... | 13,999 | |
| Wheat and Gram ... ... ... | 2,556 | |
| Tára Míra ... ... ... ... | 2,970 | |
| Melons ... ... ... ... | 1,219 | |
| Tobacco ... ... ... ... | 1,129 | |

As regards the quality and outturn of the crops, circumstances—excepting the deficiency of rain—were on the whole favourable up to the middle of April. There was no rust, no hail, and no unfavourable winds such as prevailed in 1889. From the middle of April to the end of May, that is during the period when the crop is cut and harvested, conditions have been adverse. Dust storms, high winds and untimely rains have much hampered harvest operations and damaged the grain to some extent and the straw largely.

The outturn of straw is very poor all over the district. The outturn of grain, especially wheat on well lands, has been far better than was anticipated; on canal and sailaba lands average; and on baráni lands poor. The grain where not damaged by the rains in April and May is of excellent quality and weighs well.

Speaking generally the rabi harvest is the reverse of the last kharíf, being below the average in area and above it in outturn and quality, while the kharíf was above the average in area and much below it in outturn.

The harvest will be sufficient to renew stocks and to lower prices slightly. The new grain is now selling at 20 seers per rupee, the old grain at 18 seers, but there is no appreciable surplus for export. Wheat will probably rule steadily with a tendency to rise, while gram will rise rapidly in price.

## SHAHPUR DISTRICT.

The rains were unfavourable in the year 1889, and the rabi crop on rain-watered lands very poor and not to compare with last year. The chábi crops were good, but the nahri crops did not fulfil their first promise. There was little straw on the rain crops. Altogether, between want of rain and unseasonable rain the harvest turned out a very poor one. The area under fodder was about the same as last year.

## JHELUM DISTRICT.

### TAHSIL JHELUM.

The rabi crops on the whole were bad during the year, the produce being below average owing to less rainfall

The crops harvested during the year compare thus with 1889 :—

| | | Acres. |
|---|---|---|
| Rabi 1889 | ... | 96,890 |
| Rabi 1890 | ... | 72,519 |
| A decrease of | ... | 24,371 |

Fodder was not plentiful, but should the kharíf crops be good there is every reason to believe that the present supply will be sufficient to meet the requirements of the year.

### CHAKWAL.

Wheat was sown as usual in the proper time, but owing to no rain for 6 months the young crop suffered considerably and the produce in consequence was very bad.

*Barley*.—This crop gave a very poor return. It is not much used.

*Gram*.—The produce of this crop was average.

*Rape*.—The produce of this crop was very bad.

*Tára Míra*.—This crop suffered very much for want of rain, and the produce was very much less than in the preceding year.

On the whole the rabi crops were bad for want of rain and owing to hail having fallen in a few villages.

Crops harvested during the year compare thus with year gone before :—

| | | Acres. |
|---|---|---|
| 1889 | ... | 208,815 |
| 1890 | ... | 144,763 |
| A decrease of | ... | 64,052 |

### PIND DADAN KHAN.

The rabi crops on the whole were below average.

The following crops chiefly suffered for want of rain :—

Wheat, barley and gram.

Fodder was not plentiful.

Crops harvested during the year compare thus with the year gone before :—

| | | Acres. |
|---|---|---|
| 1889 | ... | 109,035 |
| 1890 | ... | 81,138 |
| A decrease of | ... | 27,897 |

### TALAGANG.

The produce of the crops in general was average.

The following crops chiefly suffered owing to less rainfall :—

Wheat, barley, gram, tára míra and rape.

The fodder was plentiful.

Crops harvested during the year compare thus with 1889 :—

| | | Acres. |
|---|---|---|
| 1889 | ... | 185,117 |
| 1890 | ... | 130,827 |
| A decrease of | ... | 54,290 |

## RAWALPINDI DISTRICT.

Compared with the previous year the area sown is less by 261,630 acres, or 36 per cent. for the district; but in the case of the Pindigheb Tahsíl, which shows the largest falling-off of all the tahsils of the district, the percentage is 66. This is due to deficient rain at seed time. The winter rains were also light, and this has caused the outturn to be below the average except on irrigated lands.

## HAZARA DISTRICT.

There has been a decrease of 54,007 acres under crops other than sharshaf, gram, carrots, turnips, and tobacco, *i.e.*, under wheat, barley, masur, peas and others, especially wheat and barley owing to want of rain in November, December and January. Sharshaf and gram are said to need less rainfall and are imports into the district, hence increased cultivation. Decrease of poppy cultivation is due to extra check on illicit consumption by the growers.

Thirty-four thousand one hundred and thirty-three acres under wheat, barley and sharshaf, &c., were ruined for want of later rains, *i. e.*, in Haripur 26.273, Abbott-abad 5.411, Mansahra 2.449, and the rabi crop was on the whole indifferent, but bad in Kolai, Kot Najibulla, Kandi Kahl, Bugra Khánpur Tanawal and Garman. The prospects of the kharif crop so far are very bad. Water is very scarce. Rain is much wanted.

## PESHAWAR DISTRICT.

The outturn of the rabi of 1890 is poor compared with that for rabi 1889. The total area harvested is less than a half for the whole district. For want of rain the cultivation on rain lands was very sparse and even this little did not come to anything. The cultivation in the irrigated tracts was not so good as it would have been had there been a sufficient rainfall.

The collection of the first instalment of the revenue for the rabi of 1890 is fair, but the demand has pinched the people, and unless prospects of the current kharif brighten by timely rains there is fear that the 2nd instalment may not be collected in full.

## KOHAT DISTRICT.

The annexed table shows the rainfall at the district head-quarters of the season, commencing from 1st October to end of April, for the last three years (1887-88 to 1889-90) as compared with the average rainfall of the past 26 years as per table received from the Financial Commissioner's Office.

It also shows the rainfall of the season registered at the outlying stations :—

| MONTH. | 1887-88. | 1888-89. | 1889-90. | Average of past 26 years. |
|---|---|---|---|---|
| October ... ... ... ... ... | 0·47 | 0·30 | ... | 0·67 |
| November ... ... ... ... | ... | 2·00 | ... | 0·79 |
| December ... ... ... ... ... | ... | ... | ... | 0·59 |
| January ... ... ... ... ... | 0·72 | 1·10 | 0·78 | 1·25 |
| February ... ... ... ... ... | 1·14 | 2·90 | 0·29 | |
| March ... ... ... ... ... | 0·70 | 0·80 | 2·25 | 1·88 |
| April ... ... ... ... ... | 0·82 | 1·60 | 2·76 | 1·57 |
| Total Sadr ... | 3·85 | 8·70 | 6·08 | 7·80 |
| Hangu ... ... ... ... ... | ... | 9·90 | 4·20 | ... |
| Thal ... ... ... ... ... | ... | 10·90 | 5·98 | ... |
| Kark ... ... ... ... ... | ... | 7·60 | 5·86 | ... |

There was an entire cessation of the winter rains from September 1889 to January 1890, and water in the Kohát Toi was much decreased, and as the irrigation of most of the villages of the Samilzai and Baizai Tappas of the Kohát Tahsíl depends on it, the area of irrigated cultivation in this tahsil was limited.

In the Hangu Tahsíl it was much the same as in the previous rabi harvest.

The area of unirrigated cultivation was, however, very small, except in the Barak Tappa of the Khattak Tahsíl and Shakardarra and Niláb Tappas of the Kohát Tahsíl, where good area was sown owing to early sowings and better quality of land. There was some rain in January, a few showers fell during February, but it did very little good to the standing crops on unirrigated lands. The rain which fell during the month of March 1890 was, however, just in time to save the crops on unirrigated lands from entire failure.

It also did much good to the crops on irrigated lands.

Subsequently, however, rain again failed, which caused much damage to the crops on unirrigated lands.

The produce of crops is reported to have been about the average in the irrigated lands and much below the average in the unirrigated lands.

The hail which fell in April as well as in May did much damage—

in 19 villages of the Kohát Tahsíl,

in 6 villages of the Hangu Tahsíl, and

in 5 villages of the Barak Tappa,

but it has not been found necessary to propose remission or suspension of revenue in most of these villages.

It has, however, been proposed to recommend remission of revenue in the villages of the Khwara and Zíra Tappas, which continually suffered from prolonged drought.

Locusts, which passed through the district in the month of April, deposited eggs in some villages, which, though search was made, were not discovered till the young locusts appeared in large swarms. About 1,048 maunds of them have been destroyed in the Kohát Tahsíl, and it is reported that none are left. In the Khattak country it was also destroyed in considerable numbers.

## BANNU DISTRICT

Taking the whole district there has been a decrease of 28,203 acres as compared with the amount of area sown in the preceding year. The decrease has been chiefly in both irrigated and unirrigated area of food staples such as wheat, barley, peas, vegetables, tobacco, &c. And this decrease has been counterbalanced by an increase in the case of gram crop in the unirrigated area. The net decrease therefore amounts to 27,973 acres and is due to there being no timely rain in November-December 1889, the sowing season, and the agriculturists limited their sowing in sailáb and moistened land.

## DERA ISMAIL KHAN DISTRICT.

The total area under cultivation was 74,112 acres in excess as compared with the previous year, which is due to the fact that the Kora and Sangiánwála sads were constructed and the satisfactory arrangement made for the irrigation of Takwára village during 1889. The outturn of cháhi, nahri was fair, and that of Daman below average.

## DERA GHAZI KHAN DISTRICT.

Comparatively much larger area was cropped and harvested during the rabi of 1890 as compared with the previous figures, viz.—

| | Acres. |
|---|---|
| Settlement Rabi ... ... ... ... | 224,468 |
| Rabi 1887 ... ... ... ... ... | 190,194 |
| Do. 1888 ... ... ... ... ... | 208,072 |
| Do. 1889 ... ... ... ... ... | 212,739 |
| Do. 1890 ... ... ... ... ... | 291,666 |

The increase is largely noticeable in the unirrigated area and is due to the fact that the hill torrents both in Sangarh and Rájanpur also did good work towards the close of the season, and the large areas which were then irrigated, though late for kharíf sowing, were preserved for the rabi crops.

In Jámpur Tahsíl there has also been a large increase in the cultivation of irrigated areas and this is attributable to the area flooded last kharíf (owing to breach of the Shah Jamal Band) being fully cultivated with the rabi crops.

There was, however, little or no rainfall in February and March, and the character of the harvest was therefore much inferior, except in Jámpur and the north of Rájanpur, where the early opening of the canals considerably improved the standing crops.

## MUZAFFARGARH DISTRICT.

There has been a net increase of 36,264 acres in the cultivation during the year under report against the figures of 1889.

The increase is in wheat, barley, gram, massar, peas and ussoo. The increase is due to the sufficient supply of canal water.

There is a falling-off in the sowings of radish, turnip, tobacco and methra. This is due to the remarkable increase in the cultivation of more advantageous crops.

*Crop Returns for the Rabi* 1890 (00 *omitted*, i. e., *areas stated in hundreds of acres*), *Punjab.*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| SAR. | June 1890. | Hissar ... | Irrigated ... | 41 | 4 | ... | 1 | 3 | ... | ... | ... | ... | 49 | ... | ... | 1 | 1 | 1 | 2 | ... | 6 | ... | ... | 6 | 66 | |
| | | | Unirrigated ... | ... | 9 | 1 | 134 | ... | ... | ... | ... | ... | 144 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 144 | |
| | | | Total ... | 41 | 13 | 1 | 135 | 3 | ... | ... | ... | ... | 193 | ... | ... | 1 | 1 | 1 | 2 | ... | 6 | ... | ... | 6 | 210 | |
| | | Hánsi ... | Irrigated ... | 139 | 16 | 1 | 35 | 147 | ... | ... | .. | ... | 338 | ... | 1 | 1 | ... | 1 | 1 | ... | 3 | ... | 7 | 5 | 357 | |
| | | | Unirrigated ... | 1 | 1 | ... | 159 | 18 | ... | ... | ... | ... | 179 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 179 | |
| | | | Total ... | 140 | 17 | 1 | 194 | 165 | ... | ... | ... | ... | 517 | ... | 1 | 1 | ... | 1 | 1 | ... | 3 | ... | 7 | 5 | 536 | |
| | | Bhiwáni ... | Irrigated ... | ... | 7 | ... | ... | ... | ... | ... | ... | ... | 7 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 8 | |
| | | | Unirrigated ... | ... | 1 | ... | 32 | ... | ... | ... | ... | ... | 33 | ... | ... | .. | .. | ... | ... | ... | ... | ... | ... | ... | 33 | |
| | | | Total ... | .. | 8 | ... | 32 | ... | ... | ... | ... | ... | 40 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 41 | |
| | | Fatahabad ... | Irrigated ... | 9 | 4 | ... | 6 | ... | ... | ... | ... | ... | 19 | ... | ... | ... | ... | ... | 1 | ... | 2 | ... | ... | 2 | 24 | |
| | | | Unirrigated ... | 15 | 137 | 2 | 229 | 10 | ... | ... | .. | ... | 393 | .. | 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 420 | |
| | | | Total ... | 24 | 141 | 2 | 235 | 10 | ... | ... | ... | ... | 412 | ... | 27 | .. | ... | .. | 1 | ... | 2 | ... | ... | 2 | 444 | |
| | | Barwála ... | Irrigated ... | 2 | 7 | ... | 1 | ... | ... | ... | ... | ... | 10 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 12 | |
| | | | Unirrigated ... | ... | 12 | ... | 48 | 1 | ... | ... | ... | ... | 61 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 64 | |
| | | | Total ... | 2 | 19 | ... | 49 | 1 | ... | ... | ... | ... | 71 | ... | 3 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 76 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| His | 7th | Sirsa ... | Irrigated ... | 5 | 2 | ... | 16 | 1 | ... | ... | ... | ... | 24 | ... | ... | ... | 1 | ... | 1 | ... | 2 | ... | ... | ... | 28 |
| | | | Unirrigated ... | 98 | 430 | ... | 920 | 21 | ... | ... | ... | ... | 1,469 | ... | 64 | ... | ... | ... | 2 | ... | ... | ... | ... | 2 | 1,537 |
| | | | Total ... | 103 | 432 | ... | 936 | 22 | ... | ... | ... | ... | 1,493 | ... | 64 | ... | 1 | ... | 3 | ... | 2 | ... | ... | 2 | 1,565 |
| | | Total District ... | Irrigated ... | 196 | 40 | 1 | 59 | 151 | ... | ... | ... | ... | 447 | ... | 1 | 2 | 2 | 3 | 5 | ... | 15 | ... | 7 | 13 | 495 |
| | | | Unirrigated ... | 114 | 590 | 3 | 1,522 | 50 | ... | ... | ... | ... | 2,279 | ... | 94 | ... | ... | ... | 2 | ... | ... | ... | ... | 2 | 2,377 |
| | | | Total ... | 310 | 630 | 4 | 1,581 | 201 | ... | ... | ... | ... | 2,726 | ... | 95 | 2 | 2 | 3 | 7 | ... | 15 | ... | 7 | 15 | 2,872 |
| Rohtak. | 16th June 1890. | Rohtak ... | Irrigated ... | 31 | 6 | ... | 3 | 21 | ... | ... | ... | ... | 61 | ... | 1 | ... | 1 | ... | ... | ... | 1 | ... | ... | 1 | 65 |
| | | | Unirrigated ... | ... | 2 | ... | 79 | 1 | ... | ... | ... | ... | 82 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 83 |
| | | | Total ... | 31 | 8 | ... | 82 | 22 | ... | ... | ... | ... | 143 | ... | 2 | ... | 1 | ... | ... | ... | 1 | ... | ... | 1 | 148 |
| | | Sámpla ... | Irrigated ... | 87 | 11 | ... | 29 | 22 | ... | ... | ... | 1 | 150 | ... | 6 | 1 | 1 | 1 | ... | ... | 1 | ... | ... | ... | 160 |
| | | | Unirrigated ... | 11 | 27 | ... | 291 | 39 | ... | ... | ... | ... | 368 | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 373 |
| | | | Total ... | 98 | 38 | ... | 320 | 61 | ... | ... | ... | 1 | 518 | ... | 11 | 1 | 1 | 1 | ... | ... | 1 | ... | ... | ... | 533 |
| | | Gohána ... | Irrigated ... | 225 | 6 | ... | 23 | 55 | 5 | ... | ... | ... | 314 | ... | 10 | 1 | ... | ... | 2 | ... | ... | ... | ... | 8 | 335 |
| | | | Unirrigated ... | 11 | 1 | ... | 149 | 21 | ... | ... | ... | ... | 182 | ... | 4 | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 188 |
| | | | Total ... | 236 | 7 | ... | 172 | 76 | 5 | ... | ... | ... | 496 | ... | 14 | 1 | 1 | ... | 2 | ... | ... | ... | ... | 9 | 523 |
| | | Jhajjar ... | Irrigated ... | 43 | 138 | ... | ... | 2 | ... | ... | ... | ... | 183 | ... | 1 | ... | 1 | 3 | ... | ... | 2 | ... | 1 | 1 | 192 |
| | | | Unirrigated ... | 25 | 39 | ... | 91 | 27 | ... | ... | ... | ... | 182 | ... | 1 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | 187 |
| | | | Total ... | 68 | 177 | ... | 91 | 29 | ... | ... | ... | ... | 365 | ... | 2 | 4 | 1 | 3 | ... | ... | 2 | ... | 1 | 1 | 379 |
| | | Total District ... | Irrigated ... | 386 | 161 | ... | 55 | 100 | 5 | ... | ... | 1 | 708 | ... | 18 | 2 | 3 | 4 | 2 | ... | 4 | ... | 1 | 10 | 752 |
| | | | Unirrigated ... | 47 | 69 | ... | 610 | 88 | ... | ... | ... | ... | 814 | ... | 11 | 4 | 1 | ... | ... | ... | ... | ... | ... | 1 | 831 |
| | | | Total ... | 433 | 230 | ... | 665 | 188 | 5 | ... | ... | 1 | 1,522 | ... | 29 | 6 | 4 | 4 | 2 | ... | 4 | ... | 1 | 11 | 1,583 |

*Crop Returns for the Rabí* 1890 (00 *omitted,* i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| GURGAON. | 18th June 1890. | Gurgaon ... | Irrigated ... | 36 | 101 | 1 | ... | 1 | ... | ... | ... | ... | 139 | ... | 1 | ... | 1 | 3 | 1 | ... | 7 | ... | 4 | ... | 156 | |
| | | | Unirrigated ... | 40 | 82 | 6 | 52 | 39 | ... | ... | ... | 1 | 220 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 223 | |
| | | | Total ... | 76 | 183 | 7 | 52 | 40 | ... | ... | ... | 1 | 359 | ... | 4 | ... | 1 | 3 | 1 | ... | 7 | ... | 4 | ... | 379 | |
| | | Rewári ... | Irrigated ... | 60 | 293 | ... | ... | ... | ... | ... | ... | ... | 353 | ... | 8 | ... | 1 | 19 | 1 | ... | 2 | ... | 5 | 4 | 393 | |
| | | | Unirrigated ... | 1 | 1 | ... | 15 | 3 | ... | ... | ... | ... | 20 | ... | 3 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 25 | |
| | | | Total ... | 61 | 294 | ... | 15 | 3 | ... | ... | ... | ... | 373 | ... | 11 | ... | 1 | 19 | 3 | ... | 2 | ... | 5 | 4 | 418 | |
| | | Palwal ... | Irrigated ... | 64 | 54 | 8 | 100 | 94 | ... | ... | ... | 2 | 322 | ... | 6 | ... | 1 | ... | 1 | ... | 3 | ... | ... | ... | 333 | |
| | | | Unirrigated ... | 13 | 133 | 5 | 338 | 26 | 2 | ... | 1 | 8 | 526 | ... | 14 | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 542 | |
| | | | Total ... | 77 | 187 | 13 | 438 | 120 | 2 | ... | 1 | 10 | 848 | ... | 20 | ... | 2 | ... | 2 | ... | 3 | ... | ... | ... | 875 | |
| | | Núh ... | Irrigated ... | 29 | 57 | 3 | 57 | 23 | ... | ... | ... | 1 | 170 | ... | 2 | ... | 1 | 1 | 1 | ... | 1 | ... | 1 | 1 | 178 | |
| | | | Unirrigated ... | 42 | 84 | 8 | 207 | 59 | ... | ... | ... | 8 | 408 | ... | 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 417 | |
| | | | Total ... | 71 | 141 | 11 | 264 | 82 | ... | ... | ... | 9 | 578 | ... | 11 | ... | 1 | 1 | 1 | ... | 1 | ... | 1 | 1 | 595 | |
| | | Firozpur ... | Irrigated ... | 10 | 55 | 4 | 19 | 8 | ... | ... | ... | 1 | 97 | ... | 1 | ... | 1 | ... | 1 | ... | 2 | ... | ... | 1 | 103 | |
| | | | Unirrigated ... | 39 | 67 | 16 | 137 | 154 | 3 | ... | ... | 6 | 422 | ... | 8 | ... | ... | ... | ... | ... | ... | ... | 3 | 1 | 434 | |
| | | | Total ... | 49 | 122 | 20 | 156 | 162 | 3 | ... | ... | 7 | 519 | ... | 9 | ... | 1 | ... | 1 | ... | 2 | ... | 3 | 2 | 537 | |
| | | Total District ... | Irrigated ... | 199 | 560 | 16 | 176 | 126 | ... | ... | ... | 4 | 1,081 | ... | 18 | ... | 5 | 23 | 5 | ... | 15 | ... | 10 | 6 | 1,163 | |
| | | | Unirrigated ... | 135 | 367 | 35 | 749 | 281 | 5 | ... | 1 | 23 | 1,596 | ... | 37 | ... | 1 | ... | 3 | ... | ... | ... | 3 | 1 | 1,641 | |
| | | | Total ... | 334 | 927 | 51 | 925 | 407 | 5 | ... | 1 | 27 | 2,677 | ... | 55 | ... | 6 | 23 | 8 | ... | 15 | ... | 13 | 7 | 2,804 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DELHI. | 25th June 1890. | Delhi ... | Irrigated ... | 174 | 57 | 6 | 16 | ... | ... | ... | 7 | 2 | 262 | ... | 8 | 8 | 6 | 1 | 2 | ... | 6 | ... | 4 | 5 | 302 |
| | | | Unirrigated ... | 184 | 54 | 27 | 137 | ... | ... | ... | 6 | 2 | 410 | ... | 6 | 1 | 7 | ... | ... | ... | ... | ... | ... | 2 | 426 |
| | | | Total ... | 358 | 111 | 33 | 153 | ... | ... | ... | 13 | 4 | 672 | ... | 14 | 9 | 13 | 1 | 2 | ... | 6 | ... | 4 | 7 | 728 |
| | | Sonepat ... | Irrigated ... | 462 | 15 | 22 | 53 | ... | 1 | ... | 1 | 3 | 557 | ... | 15 | 1 | 3 | ... | ... | ... | 5 | ... | 2 | 41 | 624 |
| | | | Unirrigated ... | 201 | 8 | 2 | 106 | ... | ... | ... | 1 | ... | 318 | ... | 16 | 1 | 1 | ... | ... | ... | ... | ... | 1 | 7 | 344 |
| | | | Total ... | 663 | 23 | 24 | 159 | ... | 1 | ... | 2 | 3 | 875 | ... | 31 | 2 | 4 | ... | ... | ... | 5 | ... | 3 | 48 | 968 |
| | | Ballabgarh ... | Irrigated ... | 35 | 27 | 4 | 9 | ... | ... | ... | ... | ... | 75 | ... | 3 | ... | 1 | 1 | 2 | ... | 9 | ... | 3 | 2 | 96 |
| | | | Unirrigated ... | 102 | 162 | 19 | 234 | ... | 2 | ... | 7 | 5 | 531 | ... | 10 | 3 | ... | ... | ... | ... | ... | ... | ... | 3 | 547 |
| | | | Total ... | 137 | 189 | 23 | 243 | ... | 2 | ... | 7 | 5 | 606 | ... | 13 | 3 | 1 | 1 | 2 | ... | 9 | ... | 3 | 5 | 643 |
| | | Total District ... | Irrigated ... | 671 | 99 | 32 | 78 | ... | 1 | ... | 8 | 5 | 894 | ... | 26 | 9 | 10 | 2 | 4 | ... | 20 | ... | 9 | 48 | 1,022 |
| | | | Unirrigated ... | 487 | 224 | 48 | 477 | ... | 2 | ... | 14 | 7 | 1,259 | ... | 32 | 5 | 8 | ... | ... | ... | ... | ... | 1 | 12 | 1,317 |
| | | | Total ... | 1,158 | 323 | 80 | 555 | ... | 3 | ... | 22 | 12 | 2,153 | ... | 58 | 14 | 18 | 2 | 4 | ... | 20 | ... | 10 | 60 | 2,339 |
| KARNAL. | 20th June 1890. | Karnál ... | Irrigated ... | 323 | 29 | 7 | 6 | 20 | 6 | 2 | ... | ... | 393 | ... | 3 | 1 | 5 | ... | 2 | ... | 12 | 1 | ... | 18 | 435 |
| | | | Unirrigated ... | 181 | 41 | 8 | 103 | 32 | 8 | 7 | ... | ... | 380 | ... | 1 | 1 | 1 | ... | 1 | ... | ... | ... | ... | 7 | 391 |
| | | | Total ... | 504 | 70 | 15 | 109 | 52 | 14 | 9 | ... | ... | 773 | ... | 4 | 2 | 6 | ... | 3 | ... | 12 | 1 | ... | 25 | 826 |
| | | Pánipat ... | Irrigated ... | 451 | 16 | 3 | 13 | 78 | 9 | 7 | ... | 1 | 578 | ... | 6 | ... | 1 | ... | 3 | ... | 6 | ... | 1 | 69 | 664 |
| | | | Unirrigated ... | 36 | 5 | 1 | 66 | 47 | 1 | ... | ... | ... | 156 | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 161 |
| | | | Total ... | 487 | 21 | 4 | 79 | 125 | 10 | 7 | ... | 1 | 734 | ... | 8 | ... | 1 | ... | 3 | ... | 6 | ... | 1 | 72 | 825 |
| | | Kaithal ... | Irrigated ... | 60 | 6 | 1 | 7 | 5 | 1 | 2 | ... | ... | 82 | ... | 1 | ... | ... | 1 | ... | ... | 2 | ... | ... | 1 | 87 |
| | | | Unirrigated ... | ... | ... | ... | 104 | 2 | ... | ... | ... | ... | 106 | ... | 2 | ... | ... | ... | 1 | ... | ... | ... | ... | .. | 109 |
| | | | Total ... | 60 | 6 | 1 | 111 | 7 | 1 | 2 | ... | ... | 188 | ... | 3 | ... | ... | 1 | 1 | ... | 2 | ... | ... | 1 | 196 |
| | | Gulah ... | Irrigated ... | 92 | 8 | 1 | 1 | 4 | ... | ... | ... | 1 | 107 | ... | 1 | ... | 1 | 5 | ... | ... | 5 | ... | ... | 1 | 120 |
| | | | Unirrigated ... | 12 | 2 | 2 | 91 | 19 | ... | ... | ... | ... | 126 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 127 |
| | | | Total ... | 104 | 10 | 3 | 92 | 23 | ... | ... | ... | 1 | 233 | ... | 2 | ... | 1 | 5 | ... | ... | 5 | ... | ... | 1 | 247 |
| | | Total District ... | Irrigated ... | 926 | 59 | 12 | 27 | 107 | 16 | 11 | ... | 2 | 1,160 | ... | 11 | 1 | 7 | 6 | 5 | ... | 25 | 1 | 1 | 89 | 1,306 |
| | | | Unirrigated ... | 229 | 48 | 11 | 364 | 100 | 9 | 7 | ... | ... | 768 | ... | 6 | 1 | 1 | ... | 2 | ... | ... | ... | ... | 10 | 788 |
| | | | Total ... | 1,155 | 107 | 23 | 391 | 207 | 25 | 18 | ... | 2 | 1,928 | ... | 17 | 2 | 8 | 6 | 7 | ... | 25 | 1 | 1 | 99 | 2,094 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total cereals and pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| UMBALLA. | 21st June 1890. | Umballa ... | Irrigated ... | 8 | 1 | ... | ... | ... | ... | ... | ... | ... | 9 | ... | ... | ... | 3 | ... | ... | 1 | 1 | ... | ... | ... | 14 | |
| | | | Unirrigated ... | 225 | 4 | ... | 31 | 39 | 13 | 7 | 1 | 1 | 321 | 2 | 3 | 14 | 4 | ... | ... | ... | ... | 2 | ... | ... | 346 | |
| | | | Total ... | 233 | 5 | ... | 31 | 39 | 13 | 7 | 1 | 1 | 330 | 2 | 3 | 14 | 7 | ... | ... | 1 | 1 | 2 | ... | ... | 360 | |
| | | Kharar ... | Irrigated ... | 37 | 2 | ... | 8 | 6 | 1 | ... | ... | ... | 51 | 1 | 1 | 3 | 2 | ... | ... | 3 | 4 | 1 | ... | 3 | 72 | |
| | | | Unirrigated ... | 92 | 1 | ... | 13 | 121 | 3 | ... | ... | ... | 230 | 1 | 5 | 32 | ... | ... | ... | ... | ... | 1 | ... | ... | 269 | |
| | | | Total ... | 129 | 3 | ... | 21 | 127 | 4 | ... | ... | ... | 284 | 2 | 6 | 35 | 2 | ... | ... | 3 | 4 | 2 | ... | 3 | 341 | |
| | | Rúpar ... | Irrigated ... | 79 | 4 | ... | 2 | 22 | 1 | ... | ... | ... | 108 | ... | 4 | 1 | 1 | 1 | ... | ... | 5 | ... | ... | ... | 120 | |
| | | | Unirrigated ... | 90 | 1 | ... | 12 | 139 | 7 | 7 | ... | ... | 256 | 2 | 2 | 6 | 4 | ... | ... | ... | ... | 1 | ... | ... | 271 | |
| | | | Total ... | 169 | 5 | ... | 14 | 161 | 8 | 7 | ... | ... | 364 | 2 | 6 | 7 | 5 | 1 | ... | ... | 5 | 1 | ... | ... | 391 | |
| | | Naráingarh ... | Irrigated ... | 12 | 1 | ... | 2 | 4 | ... | ... | ... | ... | 19 | ... | 1 | 1 | 1 | ... | ... | 4 | 3 | ... | ... | ... | 29 | |
| | | | Unirrigated ... | 135 | 4 | ... | 33 | 42 | 3 | 6 | 2 | ... | 225 | 1 | 1 | 21 | 1 | ... | ... | ... | ... | 1 | ... | ... | 250 | |
| | | | Total ... | 147 | 5 | ... | 35 | 46 | 3 | 6 | 2 | ... | 244 | 1 | 2 | 22 | 2 | ... | ... | 4 | 3 | 1 | ... | ... | 279 | |
| | | Jagádhri ... | Irrigated ... | 18 | 2 | ... | 1 | 1 | ... | ... | ... | ... | 22 | ... | ... | ... | 1 | ... | 2 | 10 | 3 | ... | 1 | ... | 39 | |
| | | | Unirrigated ... | 263 | 56 | ... | 102 | 26 | 10 | 23 | ... | 8 | 488 | 4 | 3 | ... | 2 | ... | 26 | 1 | ... | 2 | ... | 2 | 528 | |
| | | | Total .. | 281 | 58 | ... | 103 | 27 | 10 | 23 | ... | 8 | 510 | 4 | 3 | ... | 3 | ... | 28 | 11 | 3 | 2 | 1 | 2 | 567 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Pipli ... | Irrigated ... | 82 | 8 | ... | 1 | 1 | ... | 1 | ... | 1 | 94 | ... | ... | ... | 1 | 1 | ... | 13 | 4 | ... | 1 | ... | 114 |
| | | | Unirrigated ... | 230 | 17 | ... | 91 | 47 | 19 | 7 | ... | 6 | 417 | 1 | 8 | 8 | ... | ... | 3 | ... | ... | 1 | ... | ... | 438 |
| | | | Total ... | 312 | 25 | ... | 92 | 48 | 19 | 8 | ... | 7 | 511 | 1 | 8 | 8 | 1 | 1 | 3 | 13 | 4 | 1 | 1 | ... | 552 |
| | | Total District ... | Irrigated ... | 236 | 18 | ... | 14 | 34 | 2 | 1 | ... | 1 | 306 | 1 | 6 | 5 | 9 | 2 | 2 | 31 | 20 | 1 | 2 | 3 | 388 |
| | | | Unirrigated ... | 1,035 | 83 | ... | 282 | 414 | 55 | 50 | 3 | 15 | 1,937 | 11 | 22 | 81 | 11 | ... | 29 | 1 | ... | 8 | ... | 2 | 2,102 |
| | | | Total ... | 1,271 | 101 | ... | 296 | 448 | 57 | 51 | 3 | 16 | 2,243 | 12 | 28 | 86 | 20 | 2 | 31 | 32 | 20 | 9 | 2 | 5 | 2,490 |
| SIMLA. | 18th June 1890. | Simla & Bharauli. | Irrigated ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| | | | Unirrigated ... | 2 | 1 | ... | ... | ... | ... | . | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| | | | Total ... | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| | | Kotkhái and Kotgarh ... | Irrigated ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | | | Unirrigated ... | 27 | 14 | ... | ... | ... | ... | ... | ... | ... | 41 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 44 |
| | | | Total ... | 29 | 14 | ... | ... | ... | ... | ... | ... | ... | 43 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 46 |
| | | Total District ... | Irrigated ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| | | | Unirrigated ... | 29 | 15 | ... | ... | ... | ... | ... | ... | ... | 44 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 47 |
| | | | Total ... | 32 | 15 | ... | ... | ... | ... | ... | ... | ... | 47 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | 50 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i. e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total cereals and pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| | | Kángra ... | Irrigated ... | 193 | 15 | ... | ... | ... | 1 | ... | ... | 6 | 215 | 44 | 3 | 2 | 2 | ... | 1 | ... | 1 | ... | ... | ... | 268 | |
| | | | Unirrigated .. | 48 | 52 | ... | 9 | ... | ... | ... | ... | ... | 109 | 1 | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 113 | |
| | | | Total ... | 241 | 67 | ... | 9 | ... | 1 | ... | ... | 6 | 324 | 45 | 4 | 3 | 3 | ... | 1 | ... | 1 | ... | ... | ... | 381 | |
| | | Núrpur ... | Irrigated ... | 54 | 8 | ... | 2 | ... | 1 | ... | ... | 2 | 67 | 3 | 1 | 1 | ... | .. | ... | .. | 2 | ... | ... | ... | 74 | |
| | | | Unirrigated ... | 77 | 43 | ... | 6 | ... | 1 | ... | ... | ... | 127 | ... | 4 | 4 | ... | ... | 1 | ... | ... | 1 | ... | ... | 137 | |
| | | | Total ... | 131 | 51 | ... | 8 | ... | 2 | ... | ... | 2 | 194 | 3 | 5 | 5 | ... | ... | 1 | ... | 2 | 1 | ... | ... | 211 | |
| | | Dera ... | Irrigated ... | 48 | 18 | ... | 3 | ... | 2 | ... | ... | 2 | 73 | 6 | 1 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 82 | |
| | | | Unirrigated ... | 170 | 73 | .. | 50 | ... | 2 | ... | ... | ... | 295 | ... | 2 | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | 299 | |
| | | | Total ... | 218 | 91 | ... | 53 | ... | 4 | ... | ... | 2 | 368 | 6 | 3 | 2 | ... | ... | ... | .. | 1 | 1 | ... | ... | 381 | |
| | | Hamirpur ... | Irrigated ... | 11 | ... | ... | ... | ... | ... | ... | ... | ... | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 | |
| | | | Unirrigated ... | 205 | 5 | ... | 99 | ... | 1 | ... | ... | 1 | 311 | ... | 2 | ... | ... | ... | ... | ... | 1 | 3 | ... | ... | 317 | |
| | | | Total ... | 216 | 5 | ... | 99 | ... | 1 | ... | ... | 1 | 322 | ... | 2 | ... | ... | ... | ... | ... | 1 | 3 | ... | ... | 328 | |
| | | Pálampur ... | Irrigated ... | 164 | 12 | ... | ... | ... | 1 | ... | ... | 4 | 181 | 58 | 1 | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | 242 | |
| | | | Unirrigated ... | 97 | 20 | ... | 4 | ... | 1 | ... | ... | .. | 122 | 1 | 1 | 1 | ... | ... | ... | ... | 1 | 1 | ... | ... | 127 | |
| GRA: | 1890. | | Total ... | 261 | 32 | ... | 4 | ... | 2 | ... | ... | 4 | 303 | 59 | 2 | 1 | 1 | ... | ... | ... | 2 | 1 | ... | ... | 369 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KAN | 10th May | Kulu ... | Irrigated ... | 4 | 2 | ... | ... | ... | ... | ... | ... | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 |
| | | | Unirrigated ... | 78 | 33 | ... | ... | ... | 1 | ... | ... | 1 | 113 | ... | 2 | ... | 1 | ... | ... | 6 | ... | ... | ... | ... | 122 |
| | | | Total ... | 82 | 35 | ... | ... | ... | 1 | ... | ... | 1 | 119 | ... | 2 | ... | 1 | ... | ... | 6 | ... | ... | ... | ... | 128 |
| | | Plách ... | Irrigated ... | 4 | 1 | .. | ... | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 6 |
| | | | Unirrigated ... | 50 | 38 | ... | ... | ... | ... | ... | ... | ... | 88 | .. | ... | ... | ... | ... | ... | 8 | ... | ... | ... | ... | 96 |
| | | | Total ... | 54 | 39 | ... | ... | ... | ... | ... | .. | ... | 93 | ... | ... | ... | ... | ... | ... | 9 | ... | ... | ... | ... | 102 |
| | | Total District ... | Irrigated ... | 478 | 56 | ... | 5 | ... | 5 | ... | ... | 14 | 558 | 111 | 6 | 4 | 3 | ... | 1 | 1 | 5 | ... | ... | ... | 689 |
| | | | Unirrigated ... | 725 | 264 | ... | 168 | .. | 6 | ... | ... | 2 | 1,165 | 2 | 12 | 7 | 2 | ... | ... | 15 | 2 | 6 | ... | ... | 1,211 |
| | | | Total ... | 1,203 | 320 | ... | 173 | ... | 11 | ... | ... | 16 | 1,723 | 113 | 18 | 11 | 5 | ... | 1 | 16 | 7 | 6 | ... | ... | 1,900 |
| HOSHIARPUR. | 18th June 1890. | Hoshiárpur ... | Irrigated ... | 19 | 3 | 1 | 2 | 15 | 1 | 1 | ... | ... | 42 | ... | 2 | ... | 5 | ... | 2 | 2 | 10 | ... | ... | 26 | 89 |
| | | | Unirrigated ... | 164 | 24 | 8 | 36 | 647 | 11 | 18 | ... | 1 | 909 | 1 | 5 | ... | ... | ... | 51 | ... | ... | 1 | ... | 3 | 970 |
| | | | Total ... | 183 | 27 | 9 | 38 | 662 | 12 | 19 | ... | 1 | 951 | 1 | 7 | ... | 5 | ... | 53 | 2 | 10 | 1 | ... | 29 | 1,059 |
| | | Dasúya ... | Irrigated ... | 43 | 4 | 4 | 1 | 10 | ... | 4 | ... | 1 | 67 | 3 | 2 | ... | 3 | ... | 1 | ... | 6 | ... | 1 | 7 | 90 |
| | | | Unirrigated ... | 597 | 44 | 53 | 12 | 436 | 7 | 40 | ... | 3 | 1,192 | 14 | 11 | ... | ... | ... | 46 | ... | ... | ... | 2 | 5 | 1,270 |
| | | | Total ... | 640 | 48 | 57 | 13 | 446 | 7 | 44 | ... | 4 | 1,259 | 17 | 13 | ... | 3 | ... | 47 | ... | 6 | ... | 3 | 12 | 1,340 |
| | | Garhshankar ... | Irrigated ... | 108 | 7 | ... | 2 | 38 | 7 | 4 | ... | ... | 166 | ... | 5 | ... | 2 | ... | 3 | ... | 11 | 1 | ... | 35 | 223 |
| | | | Unirrigated ... | 224 | 13 | 2 | 96 | 490 | 17 | 7 | ... | 3 | 852 | 6 | 6 | ... | ... | ... | 9 | ... | ... | 26 | ... | 2 | 901 |
| | | | Total ... | 332 | 20 | 2 | 98 | 528 | 24 | 1 | .. | 3 | 1,018 | 6 | 11 | ... | 2 | ... | 12 | ... | 11 | 27 | ... | 37 | 1,124 |
| | | Una ... | Irrigated ... | 3 | 9 | 1 | 6 | 2 | 1 | ... | ... | ... | 22 | ... | 1 | ... | 1 | ... | ... | ... | 6 | ... | ... | ... | 30 |
| | | | Unirrigated ... | 161 | 7 | 14 | 93 | 446 | 5 | ... | ... | 7 | 733 | 5 | 2 | ... | ... | ... | 8 | ... | 2 | 7 | ... | ... | 757 |
| | | | Total ... | 164 | 16 | 15 | 99 | 448 | 6 | ... | ... | 7 | 755 | 5 | 3 | ... | 1 | ... | 8 | ... | 8 | 7 | ... | ... | 787 |
| | | Total District ... | Irrigated ... | 173 | 23 | 6 | 11 | 65 | 9 | 9 | ... | 1 | 297 | 3 | 10 | ... | 11 | ... | 6 | 2 | 33 | 1 | 1 | 68 | 432 |
| | | | Unirrigated ... | 1,146 | 88 | 77 | 237 | 2,019 | 40 | 65 | ... | 14 | 3,686 | 26 | 24 | ... | ... | ... | 114 | ... | 2 | 34 | 2 | 10 | 3,898 |
| | | | Total ... | 1,319 | 111 | 83 | 248 | 2,084 | 49 | 74 | ... | 15 | 3,983 | 29 | 34 | ... | 11 | ... | 120 | 2 | 35 | 35 | 3 | 78 | 4,330 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | Total of all crops. | REMARKS. |
| | | | | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total cereals and pulses. | Linseed. | Rape and others. | Fruits | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | | |
| JULLUNDUR. | 18th June 1890. | Jullundur ... | Irrigated ... | 271 | 15 | 2 | 2 | 22 | 1 | 3 | ... | ... | 316 | ... | 2 | 3 | 6 | 1 | 21 | 1 | 11 | ... | 1 | 136 | 498 | |
| | | | Unirrigated ... | 365 | 15 | 2 | 25 | 379 | 9 | 8 | ... | ... | 803 | 1 | 1 | ... | ... | . | 13 | ... | ... | ... | ... | 2 | 820 | |
| | | | Total ... | 636 | 30 | 4 | 27 | 401 | 10 | 11 | ... | ... | 1,119 | 1 | 3 | 3 | 6 | 1 | 34 | 1 | 11 | ... | 1 | 138 | 1,318 | |
| | | Nakodar ... | Irrigated ... | 390 | 30 | ... | ... | 8 | 4 | 5 | ... | ... | 437 | 1 | 2 | 1 | 6 | 1 | 21 | 1 | 19 | ... | 1 | 137 | 627 | |
| | | | Unirrigated ... | 108 | 4 | 4 | 44 | 146 | 13 | 52 | ... | 2 | 373 | ... | 1 | . | ... | ... | 2 | ... | ... | ... | ... | 3 | 379 | |
| | | | Total ... | 498 | 34 | 4 | 44 | 154 | 17 | 57 | ... | 2 | 810 | 1 | 3 | 1 | 6 | 1 | 23 | 1 | 19 | ... | 1 | 140 | 1,006 | |
| | | Phillour ... | Irrigated ... | 351 | 19 | 2 | 2 | 8 | ... | ... | ... | 1 | 383 | ... | 5 | ... | 4 | 1 | 6 | 1 | 5 | ... | ... | 98 | 503 | |
| | | | Unirrigated ... | 80 | 2 | 3 | 21 | 71 | 3 | 9 | ... | ... | 189 | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | 5 | 198 | |
| | | | Total ... | 431 | 21 | 5 | 23 | 79 | 3 | 9 | ... | 1 | 572 | ... | 5 | ... | 4 | 1 | 10 | 1 | 5 | ... | ... | 103 | 701 | |
| | | Nawashahr ... | Irrigated ... | 382 | 24 | 4 | 11 | 61 | 3 | 3 | ... | ... | 488 | 2 | 4 | 3 | 3 | ... | 6 | 1 | 7 | 1 | ... | 77 | 592 | |
| | | | Unirrigated ... | 79 | 3 | 2 | 4 | 28 | 3 | 6 | ... | ... | 125 | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | ... | 2 | 130 | |
| | | | Total ... | 461 | 27 | 6 | 15 | 89 | 6 | 9 | ... | ... | 613 | 2 | 4 | 4 | 3 | ... | 8 | 1 | 7 | 1 | . | 79 | 722 | |
| | | Total District... | Irrigated ... | 1,394 | 88 | 8 | 15 | 99 | 8 | 11 | ... | 1 | 1,624 | 3 | 13 | 7 | 19 | 3 | 54 | 4 | 42 | 1 | 2 | 448 | 2,220 | |
| | | | Unirrigated ... | 632 | 24 | 11 | 94 | 624 | 28 | 75 | ... | 2 | 1,490 | 1 | 2 | 1 | ... | ... | 21 | ... | ... | ... | ... | 12 | 1,527 | |
| | | | Total ... | 2,026 | 112 | 19 | 109 | 723 | 36 | 86 | ... | 3 | 3,114 | 4 | 15 | 8 | 19 | 3 | 75 | 4 | 42 | 1 | 2 | 460 | 3,747 | |
| | [illegible] 1890. | Ludhiána ... | Irrigated ... | 417 | 37 | ... | 50 | 55 | 1 | ... | ... | 1 | 561 | ... | 16 | 1 | 5 | 9 | 7 | ... | 15 | ... | ... | 60 | 674 | |
| | | | Unirrigated ... | 300 | 310 | ... | 590 | 98 | 10 | ... | ... | 6 | 1,314 | 1 | 36 | ... | ... | ... | 11 | ... | ... | ... | ... | 18 | 1,380 | |
| | | | Total ... | 717 | 347 | ... | 640 | 153 | 11 | ... | ... | 7 | 1,875 | 1 | 52 | 1 | 5 | 9 | 18 | ... | 15 | ... | ... | 78 | 2,054 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LUDHI[ANA] | 2nd July | Jagraon ... | Irrigated ... | 254 | 14 | ... | 58 | 36 | ... | ... | ... | ... | 362 | ... | 9 | 1 | 3 | 3 | 4 | ... | 7 | ... | ... | 24 | 413 |
| | | | Unirrigated ... | 48 | 51 | ... | 171 | 665 | 9 | ... | ... | 1 | 945 | ... | 27 | 1 | ... | ... | 3 | ... | ... | ... | ... | 6 | 982 |
| | | | Total ... | 302 | 65 | ... | 229 | 701 | 9 | ... | ... | 1 | 1,307 | ... | 36 | 2 | 3 | 3 | 7 | ... | 7 | ... | ... | 30 | 1,395 |
| | | Samrála ... | Irrigated ... | 201 | 17 | ... | 16 | 72 | ... | ... | ... | 2 | 308 | 1 | 19 | 1 | 2 | 4 | 1 | ... | 5 | ... | ... | 13 | 354 |
| | | | Unirrigated ... | 75 | 7 | ... | 42 | 101 | 8 | ... | ... | 1 | 234 | 1 | 7 | ... | ... | ... | 2 | ... | ... | ... | ... | 1 | 245 |
| | | | Total ... | 276 | 24 | ... | 58 | 173 | 8 | ... | ... | 3 | 542 | 2 | 26 | 1 | 2 | 4 | 3 | ... | 5 | ... | ... | 14 | 599 |
| | | Total District ... | Irrigated ... | 872 | 68 | ... | 124 | 163 | 1 | ... | ... | 3 | 1,231 | 1 | 44 | 3 | 10 | 16 | 12 | ... | 27 | ... | ... | 97 | 1,441 |
| | | | Unirrigated ... | 423 | 368 | ... | 803 | 864 | 27 | ... | ... | 8 | 2,493 | 2 | 70 | 1 | ... | ... | 16 | ... | ... | ... | ... | 25 | 2,607 |
| | | | Total ... | 1,295 | 436 | ... | 927 | 1,027 | 28 | ... | ... | 11 | 3,724 | 3 | 114 | 4 | 10 | 16 | 28 | ... | 27 | ... | ... | 122 | 4,048 |
| FEROZEPORE. | 25th June 1890. | Ferozepore ... | Irrigated ... | 319 | 18 | ... | 17 | ... | 1 | ... | ... | 1 | 356 | ... | 1 | 2 | 6 | 1 | 13 | ... | 5 | ... | ... | 13 | 397 |
| | | | Unirrigated ... | 423 | 133 | ... | 370 | ... | 12 | ... | ... | ... | 938 | ... | 13 | ... | ... | ... | 7 | ... | ... | ... | 1 | 12 | 971 |
| | | | Total ... | 742 | 151 | ... | 387 | ... | 13 | ... | ... | 1 | 1,294 | ... | 14 | 2 | 6 | 1 | 20 | ... | 5 | ... | 1 | 25 | 1,368 |
| | | Moga ... | Irrigated ... | 342 | 21 | ... | 311 | ... | ... | ... | ... | ... | 674 | ... | 9 | ... | 1 | 1 | 4 | ... | ... | ... | ... | 15 | 704 |
| | | | Unirrigated ... | 239 | 272 | ... | 853 | ... | ... | ... | ... | ... | 1,364 | ... | 120 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,484 |
| | | | Total ... | 581 | 293 | ... | 1,164 | ... | ... | ... | ... | ... | 2,038 | ... | 129 | ... | 1 | 1 | 4 | ... | ... | ... | ... | 15 | 2,188 |
| | | Zíra ... | Irrigated ... | 264 | 23 | ... | 55 | ... | 6 | ... | ... | ... | 348 | ... | 1 | 1 | 5 | ... | 16 | ... | 17 | ... | 1 | 34 | 423 |
| | | | Unirrigated ... | 495 | 60 | ... | 268 | ... | 26 | ... | ... | 1 | 850 | ... | 14 | ... | ... | 1 | 5 | ... | ... | ... | ... | 15 | 885 |
| | | | Total ... | 759 | 83 | ... | 323 | ... | 32 | ... | ... | 1 | 1,198 | ... | 15 | 1 | 5 | 1 | 21 | ... | 17 | ... | 1 | 49 | 1,308 |
| | | Muktasar ... | Irrigated ... | 540 | 27 | ... | 327 | ... | ... | ... | ... | 1 | 895 | ... | 37 | ... | 1 | 3 | 15 | 1 | 2 | ... | ... | 2 | 956 |
| | | | Unirrigated ... | 310 | 207 | ... | 529 | ... | 4 | ... | ... | 1 | 1,051 | ... | 44 | ... | ... | ... | 1 | ... | ... | ... | ... | 8 | 1,104 |
| | | | Total ... | 850 | 234 | ... | 856 | ... | 4 | ... | ... | 2 | 1,946 | ... | 81 | ... | 1 | 3 | 16 | 1 | 2 | ... | ... | 10 | 2,060 |
| | | Fázilka ... | Irrigated ... | 551 | 43 | ... | 283 | ... | 2 | ... | 4 | 1 | 884 | ... | 35 | ... | 1 | 5 | 3 | ... | 1 | ... | ... | 5 | 934 |
| | | | Unirrigated ... | 31 | 155 | ... | 203 | ... | 3 | ... | 2 | ... | 394 | ... | 31 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 426 |
| | | | Total ... | 582 | 198 | ... | 486 | ... | 5 | ... | 6 | 1 | 1,278 | ... | 66 | ... | 1 | 5 | 4 | ... | 1 | ... | ... | 5 | 1,360 |
| | | Total District ... | Irrigated ... | 2,016 | 132 | ... | 993 | ... | 9 | ... | 4 | 3 | 3,157 | ... | 83 | 3 | 14 | 10 | 51 | 1 | 25 | ... | 1 | 69 | 3,414 |
| | | | Unirrigated ... | 1,498 | 827 | ... | 2,223 | ... | 45 | ... | 2 | 2 | 4,597 | ... | 222 | ... | ... | 1 | 14 | ... | ... | ... | 1 | 35 | 4,870 |
| | | | Total ... | 3,514 | 959 | ... | 3,216 | ... | 54 | ... | 6 | 5 | 7,754 | ... | 305 | 3 | 14 | 11 | 65 | 1 | 25 | ... | 2 | 104 | 8,284 |

*Crop Returns for the Rabi* 1890 (00 *omitted,* i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total cereals and pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| MOOLTAN. | 16th June 1890. | Mooltan ... | Irrigated ... | 559 | 15 | ... | 24 | ... | 1 | ... | 12 | 3 | 614 | ... | 15 | 1 | 9 | 97 | ... | ... | 3 | ... | ... | 16 | 755 | |
| | | | Unirrigated ... | 62 | 2 | ... | 23 | ... | 4 | ... | 34 | 6 | 131 | ... | 4 | ... | 2 | 3 | ... | ... | ... | ... | ... | 2 | 142 | |
| | | | Total ... | 621 | 17 | ... | 47 | ... | 5 | ... | 46 | 9 | 745 | ... | 19 | 1 | 11 | 100 | ... | ... | 3 | ... | ... | 18 | 897 | |
| | | Shujabad ... | Irrigated ... | 414 | 12 | ... | 7 | ... | 2 | ... | 35 | 6 | 476 | ... | 4 | 2 | 2 | 60 | ... | ... | 2 | ... | ... | 4 | 550 | |
| | | | Unirrigated ... | 139 | 7 | ... | 4 | ... | 11 | ... | 67 | 1 | 229 | ... | 1 | ... | ... | 5 | ... | ... | ... | ... | ... | 3 | 238 | |
| | | | Total ... | 553 | 19 | ... | 11 | ... | 13 | ... | 102 | 7 | 705 | . | 5 | 2 | 2 | 65 | ... | ... | 2 | ... | ... | 7 | 788 | |
| | | Lodhrán ... | Irrigated ... | 501 | 17 | ... | 13 | ... | ... | ... | 19 | 2 | 552 | ... | 23 | 1 | 5 | 101 | ... | ... | 2 | ... | 1 | 8 | 693 | |
| | | | Unirrigated ... | 81 | 2 | ... | 4 | ... | 12 | ... | 63 | ... | 162 | ... | 6 | ... | ... | 5 | ... | ... | ... | ... | ... | 5 | 178 | |
| | | | Total ... | 582 | 19 | ... | 17 | ... | 12 | ... | 82 | 2 | 714 | ... | 29 | 1 | 5 | 106 | ... | ... | 2 | ... | 1 | 13 | 871 | |
| | | Mailsi ... | Irrigated ... | 510 | 15 | ... | 19 | ... | 1 | ... | 8 | 3 | 556 | ... | 26 | ... | 5 | 87 | ... | ... | 3 | ... | 1 | 15 | 693 | |
| | | | Unirrigated ... | 111 | 4 | ... | 4 | ... | 6 | ... | 50 | 4 | 179 | ... | 6 | ... | ... | 3 | ... | ... | ... | ... | .. | 3 | 191 | |
| | | | Total ... | 621 | 19 | ... | 23 | ... | 7 | ... | 58 | 7 | 735 | ... | 32 | ... | 5 | 90 | ... | ... | 3 | ... | 1 | 18 | 884 | |
| | | Kabírwála ... | Irrigated ... | 381 | 32 | ... | 7 | ... | ... | ... | 4 | 11 | 435 | ... | 4 | 1 | 5 | 50 | ... | ... | 3 | ... | ... | 11 | 509 | |
| | | | Unirrigated ... | 50 | 6 | ... | 14 | ... | 3 | .. | 31 | 13 | 117 | ... | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | 2 | 122 | |
| | | | Total ... | 431 | 38 | ... | 21 | ... | 3 | ... | 35 | 24 | 552 | ... | 5 | 1 | 5 | 52 | ... | ... | 3 | ... | ... | 13 | 631 | |
| | | Total District ... | Irrigated ... | 2,365 | 91 | ... | 70 | ... | 4 | ... | 78 | 25 | 2,633 | ... | 72 | 5 | 26 | 395 | ... | ... | 13 | ... | 2 | 54 | 3,200 | |
| | | | Unirrigated ... | 443 | 21 | ... | 49 | ... | 36 | ... | 245 | 24 | 818 | ... | 18 | ... | 2 | 18 | ... | ... | ... | ... | ... | 15 | 871 | |
| | | | Total ... | 2,808 | 112 | ... | 119 | ... | 40 | ... | 323 | 49 | 3,451 | ... | 90 | 5 | 28 | 413 | ... | ... | 13 | ... | 2 | 69 | 4,071 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JHANG. | 29th June 1890. | Jhang ... | Irrigated ... | 607 | 37 | 2 | 4 | ... | ... | ... | ... | 35 | 685 | ... | 3 | 1 | 1 | 103 | 31 | ... | 4 | ... | ... | 33 | 861 |
| | | | Unirrigated ... | 143 | 7 | ... | 18 | ... | 17 | ... | 17 | 4 | 206 | ... | 1 | ... | ... | 2 | 2 | ... | ... | ... | ... | ... | 211 |
| | | | Total ... | 750 | 44 | 2 | 22 | ... | 17 | ... | 17 | 39 | 891 | .. | 4 | 1 | 1 | 105 | 33 | ... | 4 | ... | ... | 33 | 1,072 |
| | | Chiniot ... | Irrigated ... | 421 | 36 | ... | 6 | ... | ... | ... | 1 | 52 | 516 | ... | 2 | ... | ... | 103 | 20 | ... | 5 | ... | ... | 21 | 667 |
| | | | Unirrigated ... | 98 | 5 | ... | 26 | ... | 9 | ... | 6 | ... | 144 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 147 |
| | | | Total ... | 519 | 41 | ... | 32 | ... | 9 | ... | 7 | 52 | 660 | 1 | 2 | ... | ... | 103 | 20 | ... | 5 | ... | 1 | 22 | 814 |
| | | Shorkot ... | Irrigated ... | 355 | 23 | 1 | 2 | ... | ... | ... | 1 | 5 | 387 | ... | 8 | 1 | ... | 59 | 11 | ... | 2 | ... | ... | 27 | 495 |
| | | | Unirrigated ... | 134 | 5 | ... | 43 | ... | 4 | ... | 63 | 6 | 255 | ... | 4 | ... | ... | 5 | 1 | ... | ... | ... | ... | 1 | 266 |
| | | | Total ... | 489 | 28 | 1 | 45 | ... | 4 | ... | 64 | 11 | 642 | ... | 12 | 1 | .. | 64 | 12 | ... | 2 | ... | ... | 28 | 761 |
| | | Total District ... | Irrigated ... | 1,383 | 96 | 3 | 12 | ... | ... | ... | 2 | 92 | 1,588 | ... | 13 | 2 | 1 | 265 | 62 | .. | 11 | ... | ... | 81 | 2,023 |
| | | | Unirrigated ... | 375 | 17 | ... | 87 | ... | 30 | ... | 86 | 10 | 605 | 1 | 5 | ... | ... | 7 | 3 | ... | ... | ... | 1 | 2 | 624 |
| | | | Total ... | 1,758 | 113 | 3 | 99 | ... | 30 | ... | 88 | 102 | 2,193 | 1 | 18 | 2 | 1 | 272 | 65 | ... | 11 | ... | 1 | 83 | 2,647 |
| MONTGOMERY. | 12th July 1890. | Montgomery ... | Irrigated ... | 94 | 7 | ... | 2 | ... | ... | ... | ... | 11 | 114 | ... | ... | ... | 6 | 29 | 1 | ... | 2 | ... | ... | 2 | 164 |
| | | | Unirrigated ... | 52 | 2 | .. | 17 | ... | 3 | 4 | 28 | 12 | 118 | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | 121 |
| | | | Total ... | 146 | 9 | ... | 19 | ... | 3 | 4 | 28 | 23 | 232 | ... | ... | ... | 6 | 31 | 1 | .. | 2 | ... | ... | 3 | 275 |
| | | Gugera ... | Irrigated ... | 220 | 28 | ... | 20 | ... | ... | ... | 1 | 15 | 284 | ... | 1 | 1 | 3 | 39 | 1 | ... | 3 | ... | ... | 3 | 335 |
| | | | Unirrigated ... | 45 | 7 | ... | 29 | ... | 4 | 8 | 10 | 8 | 111 | ... | 1 | ... | 2 | 1 | ... | ... | ... | ... | ... | 4 | 119 |
| | | | Total ... | 265 | 35 | ... | 49 | ... | 4 | 8 | 11 | 23 | 395 | ... | 2 | 1 | 5 | 40 | 1 | ... | 3 | ... | ... | 7 | 454 |
| | | Dipálpur ... | Irrigated ... | 850 | 48 | ... | 58 | ... | ... | ... | 1 | 19 | 976 | ... | 14 | 1 | 4 | 88 | 17 | 1 | 6 | ... | 5 | 2 | 1,114 |
| | | | Unirrigated ... | 93 | 2 | ... | 16 | ... | 1 | ... | 29 | 3 | 144 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 146 |
| | | | Total ... | 943 | 50 | .. | 74 | ... | 1 | ... | 30 | 22 | 1,120 | ... | 14 | 1 | 4 | 89 | 18 | 1 | 6 | ... | 5 | 2 | 1,260 |
| | | Pákpattan ... | Irrigated ... | 319 | 8 | ... | 18 | 2 | ... | ... | ... | 6 | 353 | ... | 8 | ... | 1 | 39 | 4 | ... | 3 | ... | 6 | 8 | 422 |
| | | | Unirrigated ... | 186 | 4 | ... | 32 | ... | 6 | 3 | 61 | 5 | 297 | ... | ... | ... | ... | 4 | 1 | .. | ... | ... | 1 | 5 | 308 |
| | | | Total ... | 505 | 12 | ... | 50 | 2 | 6 | 3 | 61 | 11 | 650 | ... | 8 | ... | 1 | 43 | 5 | ... | 3 | ... | 7 | 13 | 730 |
| | | Total District ... | Irrigated ... | 1,483 | 91 | ... | 98 | 2 | ... | ... | 2 | 51 | 1,727 | ... | 23 | 2 | 14 | 195 | 23 | 1 | 14 | ... | 11 | 15 | 2,025 |
| | | | Unirrigated ... | 376 | 15 | ... | 94 | ... | 14 | 15 | 128 | 28 | 670 | ... | 1 | ... | 2 | 8 | 2 | ... | ... | ... | 1 | 10 | 694 |
| | | | Total ... | 1,859 | 106 | .. | 192 | 2 | 14 | 15 | 130 | 79 | 2,397 | ... | 24 | 2 | 16 | 203 | 25 | 1 | 14 | ... | 12 | 25 | 2,719 |

*Crop Returns for the Rabi* 1890 (00 *omitted, i. e., areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total cereals and pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Caroots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | Remarks. |
| LAHORE. | 18th June 1890. | Lahore ... | Irrigated ... | 865 | 41 | ... | 68 | ... | 2 | ... | ... | 6 | 982 | ... | 6 | 12 | 27 | ... | 2 | 2 | 7 | ... | ... | 138 | 1,176 | |
| | | | Unirrigated ... | 162 | 18 | ... | 245 | ... | 6 | ... | ... | 17 | 448 | ... | 8 | ... | 3 | ... | 1 | ... | ... | ... | ... | 6 | 466 | |
| | | | Total ... | 1,027 | 59 | ... | 313 | ... | 8 | ... | ... | 23 | 1,430 | ... | 14 | 12 | 30 | .. | 3 | 2 | 7 | ... | ... | 144 | 1,642 | |
| | | Kasúr ... | Irrigated ... | 1,013 | 32 | ... | 108 | ... | 1 | ... | ... | ... | 1,154 | ... | 18 | 1 | 13 | ... | ... | 3 | 9 | ... | 1 | 109 | 1,308 | |
| | | | Unirrigated ... | 207 | 28 | ... | 397 | ... | 8 | ... | ... | ... | 640 | ... | 74 | ... | 2 | ... | ... | ... | ... | ... | ... | 8 | 724 | |
| | | | Total ... | 1,220 | 60 | ... | 505 | ... | 9 | ... | ... | ... | 1,794 | ... | 92 | 1 | 15 | ... | ... | 3 | 9 | ... | 1 | 117 | 2,032 | |
| | | Chunián ... | Irrigated ... | 1,020 | 61 | ... | 91 | ... | ... | ... | ... | 1 | 1,173 | ... | 27 | 1 | 13 | ... | 3 | 2 | 5 | ... | 2 | 79 | 1,305 | |
| | | | Unirrigated ... | 83 | 13 | ... | 108 | ... | 6 | ... | ... | 12 | 222 | ... | 14 | ... | ... | ... | ... | ... | ... | ... | 1 | 5 | 242 | |
| | | | Total ... | 1,103 | 74 | ... | 199 | ... | 6 | ... | ... | 13 | 1,395 | ... | 41 | 1 | 13 | ... | 3 | 2 | 5 | ... | 3 | 84 | 1,547 | |
| | | Sharakpur ... | Irrigated ... | 456 | 89 | ... | 9 | ... | ... | ... | ... | 2 | 556 | ... | 11 | 1 | 9 | ... | 4 | ... | 4 | ... | ... | 67 | 652 | |
| | | | Unirrigated ... | 25 | 2 | ... | 23 | ... | ... | ... | ... | ... | 50 | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | 50 | |
| | | | Total ... | 481 | 91 | ... | 32 | ... | ... | ... | ... | 2 | 606 | ... | 11 | 1 | 9 | ... | 4 | ... | 4 | ... | ... | 67 | 702 | |
| | | Total District ... | Irrigated ... | 3,354 | 223 | ... | 276 | ... | 3 | ... | ... | 9 | 3,865 | ... | 62 | 15 | 62 | ... | 9 | 7 | 25 | ... | 3 | 393 | 4,441 | |
| | | | Unirrigated ... | 477 | 61 | ... | 773 | ... | 20 | ... | ... | 29 | 1,360 | ... | 96 | ... | 5 | ... | 1 | ... | ... | ... | 1 | 19 | 1,482 | |
| | | | Total ... | 3,831 | 284 | ... | 1,049 | ... | 23 | ... | ... | 38 | 5,225 | ... | 158 | 15 | 67 | ... | 10 | 7 | 25 | ... | 4 | 412 | 5,923 | |
| SAR. | 1890. | Amritsar ... | Irrigated ... | 799 | 63 | ... | 20 | 41 | 3 | ... | ... | ... | 926 | 1 | 9 | 6 | 12 | 2 | 39 | 1 | 4 | ... | ... | 241 | 1,241 | |
| | | | Unirrigated ... | 60 | 16 | ... | 83 | 390 | 6 | ... | ... | ... | 555 | ... | 4 | ... | ... | ... | 1 | ... | ... | ... | ... | 4 | 564 | |
| | | | Total ... | 859 | 79 | ... | 103 | 431 | 9 | ... | ... | ... | 1,481 | 1 | 13 | 6 | 12 | 2 | 40 | 1 | 4 | ... | ... | 245 | 1,805 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AMRIT | 27th June | Tarn Táran ... | Irrigated ... | 843 | 32 | ... | 31 | 81 | ... | ... | ... | ... | 987 | ... | 6 | 2 | 4 | 1 | 34 | 1 | 4 | ... | ... | 258 | 1,297 |
| | | | Unirrigated .. | 44 | 13 | 1 | 443 | 334 | 3 | ... | ... | ... | 838 | ... | 39 | ... | ... | ... | 2 | ... | ... | ... | ... | 6 | 885 |
| | | | Total ... | 887 | 45 | 1 | 474 | 415 | 3 | ... | ... | ... | 1,825 | ... | 45 | 2 | 4 | 1 | 36 | 1 | 4 | ... | ... | 264 | 2,182 |
| | | Ajnála ... | Irrigated ... | 554 | 66 | ... | 24 | 15 | 4 | ... | ... | 2 | 665 | 1 | 1 | 2 | 3 | 1 | 20 | 1 | 8 | ... | ... | 149 | 851 |
| | | | Unirrigated ... | 217 | 34 | ... | 43 | 24 | 8 | ... | ... | 2 | 328 | 1 | 1 | ... | ... | ... | 4 | ... | ... | ... | ... | 6 | 340 |
| | | | Total ... | 771 | 100 | ... | 67 | 39 | 12 | ... | ... | 4 | 993 | 2 | 2 | 2 | 3 | 1 | 24 | 1 | 8 | ... | ... | 155 | 1,191 |
| | | Total District ... | Irrigated ... | 2,196 | 161 | ... | 75 | 137 | 7 | ... | ... | 2 | 2,578 | 2 | 16 | 10 | 19 | 4 | 93 | 3 | 16 | ... | ... | 648 | 3,389 |
| | | | Unirrigated ... | 321 | 63 | 1 | 569 | 748 | 17 | ... | ... | 2 | 1,721 | 1 | 44 | ... | ... | ... | 7 | ... | ... | ... | ... | 16 | 1,789 |
| | | | Total ... | 2,517 | 224 | 1 | 644 | 885 | 24 | ... | ... | 4 | 4,299 | 3 | 60 | 10 | 19 | 4 | 100 | 3 | 16 | ... | ... | 664 | 5,178 |
| GURDASPUR. | 30th June 1890. | Gurdáspur ... | Irrigated ... | 104 | 9 | 3 | 1 | 4 | 1 | 6 | ... | ... | 128 | ... | .. | 6 | 4 | ... | ... | ... | 4 | ... | 1 | 32 | 175 |
| | | | Unirrigated ... | 617 | 54 | 31 | 29 | 220 | 15 | 37 | ... | 5 | 1,008 | 13 | 3 | 24 | ... | ... | ... | ... | ... | 1 | 2 | 15 | 1,066 |
| | | | Total ... | 721 | 63 | 34 | 30 | 224 | 16 | 43 | ... | 5 | 1,136 | 13 | 3 | 30 | 4 | ... | ... | ... | 4 | 1 | 3 | 47 | 1,241 |
| | | Batála ... | Irrigated .. | 529 | 45 | 22 | 8 | 11 | 4 | 28 | ... | ... | 647 | 1 | 2 | 11 | 6 | ... | ... | ... | 3 | ... | ... | 114 | 784 |
| | | | Unirrigated ... | 196 | 19 | 17 | 14 | 231 | 3 | 11 | ... | 2 | 493 | 1 | ... | 5 | ... | ... | ... | ... | ... | ... | 1 | 6 | 506 |
| | | | Total ... | 725 | 64 | 39 | 22 | 242 | 7 | 39 | ... | 2 | 1,140 | 2 | 2 | 16 | 6 | ... | ... | ... | 3 | ... | 1 | 120 | 1,290 |
| | | Shakargarh ... | Irrigated ... | 28 | 5 | 2 | ... | ... | 1 | 4 | ... | ... | 40 | ... | ... | 2 | 4 | ... | ... | ... | 8 | ... | 1 | 8 | 63 |
| | | | Unirrigated ... | 528 | 117 | 105 | 32 | 14 | 10 | 54 | ... | 4 | 864 | 16 | 1 | 12 | ... | ... | ... | ... | ... | ... | ... | 27 | 920 |
| | | | Total ... | 556 | 122 | 107 | 32 | 14 | 11 | 58 | ... | 4 | 904 | 16 | 1 | 14 | 4 | ... | ... | ... | 8 | ... | 1 | 35 | 983 |
| | | Pathánkot ... | Irrigated ... | 73 | 14 | 8 | 6 | 1 | 1 | 1 | ... | 9 | 113 | 8 | 21 | 4 | 2 | ... | ... | ... | 2 | ... | 3 | 1 | 154 |
| | | | Unirrigated ... | 276 | 28 | 50 | 28 | 16 | 4 | 3 | ... | 6 | 411 | 10 | 7 | 20 | 1 | ... | ... | ... | 1 | 1 | ... | 1 | 452 |
| | | | Total ... | 349 | 42 | 58 | 34 | 17 | 5 | 4 | ... | 15 | 524 | 18 | 28 | 24 | 3 | ... | ... | ... | 3 | 1 | 8 | 2 | 606 |
| | | Total District ... | Irrigated ... | 734 | 73 | 35 | 15 | 16 | 7 | 39 | ... | 9 | 928 | 9 | 23 | 23 | 16 | ... | ... | ... | 17 | ... | 5 | 155 | 1,176 |
| | | | Unirrigated ... | 1,617 | 218 | 203 | 103 | 481 | 32 | 105 | ... | 17 | 2,776 | 40 | 11 | 61 | 1 | ... | ... | ... | 1 | 2 | 3 | 49 | 2,944 |
| | | | Total ... | 2,351 | 291 | 238 | 118 | 497 | 39 | 144 | ... | 26 | 3,704 | 49 | 34 | 84 | 17 | ... | ... | ... | 18 | 2 | 8 | 204 | 4,120 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| SIALKOT. | 23rd June 1890. | Siálkot ... | Irrigated ... | 346 | 102 | 98 | 11 | ... | 14 | ... | 5 | 3 | 579 | 9 | 1 | 2 | 7 | 3 | 7 | ... | 9 | ... | ... | 110 | 727 | |
| | | | Unirrigated ... | 181 | 48 | 54 | 14 | ... | 12 | ... | ... | 4 | 313 | 10 | 2 | ... | 1 | ... | 5 | ... | ... | ... | ... | 7 | 338 | |
| | | | Total ... | 527 | 150 | 152 | 25 | ... | 26 | ... | 5 | 7 | 892 | 19 | 3 | 2 | 8 | 3 | 12 | ... | 9 | ... | ... | 117 | 1,065 | |
| | | Zafarwál ... | Irrigated ... | 237 | 49 | 34 | 2 | ... | 20 | ... | ... | ... | 342 | 3 | 1 | 6 | 4 | ... | ... | 1 | 7 | ... | ... | 39 | 403 | |
| | | | Unirrigated ... | 176 | 43 | 28 | 4 | ... | 24 | ... | ... | ... | 275 | 2 | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 18 | 299 | |
| | | | Total ... | 413 | 92 | 62 | 6 | ... | 44 | ... | ... | ... | 617 | 5 | 1 | 10 | 4 | ... | ... | 1 | 7 | ... | ... | 57 | 702 | |
| | | Raya ... | Irrigated ... | 380 | 74 | 15 | 4 | ... | 14 | ... | ... | 1 | 488 | 2 | 1 | 1 | 5 | 1 | 8 | ... | 8 | ... | 1 | 84 | 599 | |
| | | | Unirrigated ... | 359 | 43 | 9 | 7 | ... | 38 | ... | ... | 4 | 460 | 2 | 1 | ... | ... | ... | 4 | ... | ... | ... | ... | 5 | 472 | |
| | | | Total ... | 739 | 117 | 24 | 11 | ... | 52 | ... | ... | 5 | 948 | 4 | 2 | 1 | 5 | 1 | 12 | ... | 8 | ... | 1 | 89 | 1,071 | |
| | | Pasrúr ... | Irrigated ... | 358 | 95 | 25 | 8 | ... | 4 | 1 | ... | 1 | 492 | 1 | 1 | ... | 5 | 4 | 8 | 1 | 7 | ... | ... | 86 | 605 | |
| | | | Unirrigated ... | 267 | 37 | 6 | 13 | ... | 33 | ... | ... | 2 | 358 | 2 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | 3 | 365 | |
| | | | Total ... | 625 | 132 | 31 | 21 | ... | 37 | 1 | ... | 3 | 850 | 3 | 2 | ... | 5 | 4 | 9 | 1 | 7 | ... | ... | 89 | 970 | |
| | | Daska ... | Irrigated ... | 716 | 187 | 37 | 42 | ... | 6 | ... | ... | 2 | 990 | 3 | 7 | 1 | 4 | 13 | 11 | 1 | 8 | ... | 1 | 204 | 1,243 | |
| | | | Unirrigated ... | 41 | 12 | 4 | 5 | ... | ... | ... | ... | ... | 62 | ... | ... | ... | ... | .. | 1 | ... | 1 | ... | ... | 1 | 65 | |
| | | | Total ... | 757 | 199 | 41 | 47 | ... | 6 | ... | ... | 2 | 1,052 | 3 | 7 | 1 | 4 | 13 | 12 | 1 | 9 | ... | 1 | 205 | 1,308 | |
| | | Total District ... | Irrigated ... | 2,037 | 507 | 209 | 67 | ... | 58 | 1 | 5 | 7 | 2,891 | 18 | 11 | 10 | 25 | 21 | 34 | 3 | 39 | ... | 2 | 523 | 3,577 | |
| | | | Unirrigated ... | 1,024 | 183 | 101 | 43 | ... | 107 | ... | ... | 10 | 1,468 | 16 | 4 | 4 | 1 | ... | 11 | ... | 1 | ... | ... | 34 | 1,539 | |
| | | | Total ... | 3,061 | 690 | 310 | 110 | ... | 165 | 1 | 5 | 17 | 4,359 | 34 | 15 | 14 | 26 | 21 | 45 | 3 | 40 | ... | 2 | 557 | 5,116 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUJRAT. | 19th June 1890. | Gujrát ... | Irrigated ... | 348 | 103 | 16 | 8 | ... | 12 | ... | ... | 4 | 491 | 2 | 9 | 9 | 6 | 14 | 2 | ... | 12 | 2 | ... | 71 | 618 |
| | | | Unirrigated ... | 746 | 72 | 9 | 69 | ... | 20 | ... | 2 | 1 | 919 | 4 | 35 | 4 | ... | ... | ... | ... | ... | 2 | 1 | 6 | 971 |
| | | | Total ... | 1,094 | 175 | 25 | 77 | ... | 32 | ... | 2 | 5 | 1,410 | 6 | 44 | 13 | 6 | 14 | 2 | ... | 12 | 4 | 1 | 77 | 1,589 |
| | | Khárián ... | Irrigated ... | 50 | 14 | 1 | ... | ... | 1 | 1 | ... | ... | 67 | ... | 1 | 2 | 2 | 7 | 1 | ... | 5 | ... | ... | 9 | 94 |
| | | | Unirrigated ... | 833 | 49 | 5 | 87 | 31 | 23 | 1 | ... | 1 | 1,030 | 5 | 29 | 2 | ... | 1 | ... | ... | ... | 9 | ... | 10 | 1,086 |
| | | | Total ... | 883 | 63 | 6 | 87 | 31 | 24 | 2 | ... | 1 | 1,097 | 5 | 30 | 4 | 2 | 8 | 1 | ... | 5 | 9 | ... | 19 | 1,180 |
| | | Phálian ... | Irrigated ... | 600 | 65 | 7 | 33 | ... | 1 | ... | ... | 4 | 710 | ... | 4 | 1 | 17 | 68 | ... | 1 | 7 | ... | ... | 51 | 859 |
| | | | Unirrigated ... | 326 | 18 | 2 | 45 | 1 | 6 | 2 | 1 | ... | 401 | 2 | 6 | ... | 2 | 2 | ... | ... | ... | ... | ... | 1 | 414 |
| | | | Total ... | 926 | 83 | 9 | 78 | 1 | 7 | 2 | 1 | 4 | 1,111 | 2 | 10 | 1 | 19 | 70 | ... | 1 | 7 | ... | ... | 52 | 1,273 |
| | | Total District ... | Irrigated ... | 998 | 182 | 24 | 41 | ... | 14 | 1 | ... | 8 | 1,268 | 2 | 14 | 12 | 25 | 90 | 3 | 1 | 24 | 2 | ... | 131 | 1,571 |
| | | | Unirrigated ... | 1,905 | 139 | 16 | 201 | 32 | 49 | 3 | 3 | 2 | 2,350 | 11 | 70 | 6 | 2 | 2 | ... | ... | ... | 11 | 1 | 17 | 2,471 |
| | | | Total ... | 2,903 | 321 | 40 | 242 | 32 | 63 | 4 | 3 | 10 | 3,618 | 13 | 84 | 18 | 27 | 92 | 3 | 1 | 24 | 13 | 1 | 148 | 4,042 |
| GUJRANWALA. | 12th June 1890. | Gujránwála ... | Irrigated ... | 724 | 177 | 84 | 25 | 46 | ... | ... | ... | ... | 1,056 | ... | 23 | 1 | 5 | 13 | 20 | 1 | 5 | ... | ... | 140 | 1,264 |
| | | | Unirrigated ... | 11 | 9 | 11 | 146 | 142 | 1 | ... | ... | ... | 320 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 323 |
| | | | Total ... | 735 | 186 | 95 | 171 | 188 | 1 | ... | ... | ... | 1,376 | ... | 26 | 1 | 5 | 13 | 20 | 1 | 5 | ... | ... | 140 | 1,587 |
| | | Wazirabad ... | Irrigated ... | 494 | 131 | 59 | 43 | 20 | ... | ... | ... | ... | 747 | 1 | 9 | 1 | 5 | 9 | 15 | ... | 6 | ... | 1 | 119 | 913 |
| | | | Unirrigated ... | 96 | 23 | 7 | 12 | 22 | 5 | ... | ... | ... | 165 | 3 | 1 | ... | ... | ... | 5 | ... | ... | ... | ... | 2 | 176 |
| | | | Total ... | 590 | 154 | 66 | 55 | 42 | 5 | ... | ... | ... | 912 | 4 | 10 | 1 | 5 | 9 | 20 | ... | 6 | ... | 1 | 121 | 1,089 |
| | | Háfizabad ... | Irrigated ... | 600 | 122 | 16 | 16 | 12 | ... | ... | 1 | 14 | 781 | ... | 21 | ... | 3 | 43 | 12 | 1 | 7 | ... | ... | 34 | 902 |
| | | | Unirrigated ... | 91 | 15 | 1 | 86 | 50 | 1 | ... | 1 | ... | 245 | 2 | 26 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 275 |
| | | | Total ... | 691 | 137 | 17 | 102 | 62 | 1 | ... | 2 | 14 | 1,026 | 2 | 47 | ... | 3 | 44 | 13 | 1 | 7 | ... | ... | 34 | 1,177 |
| | | Total District ... | Irrigated ... | 1,818 | 430 | 159 | 84 | 78 | ... | ... | 1 | 14 | 2,584 | 1 | 53 | 2 | 13 | 65 | 47 | 2 | 18 | ... | 1 | 293 | 3,079 |
| | | | Unirrigated ... | 198 | 47 | 19 | 244 | 214 | 7 | ... | 1 | ... | 730 | 5 | 30 | ... | ... | 1 | 6 | ... | ... | ... | ... | 2 | 774 |
| | | | Total ... | 2,016 | 477 | 178 | 328 | 292 | 7 | ... | 2 | 14 | 3,314 | 6 | 83 | 2 | 13 | 66 | 53 | 2 | 18 | ... | 1 | 295 | 3,853 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | Remarks. |
| Shahpur. | 23rd June 1890. | Shahpur ... | Irrigated ... | 594 | 23 | ... | 69 | ... | 1 | ... | ... | 31 | 718 | ... | 5 | ... | 1 | 87 | 7 | 24 | 3 | ... | ... | 6 | 851 | |
| | | | Unirrigated ... | 146 | 6 | ... | 30 | ... | 7 | ... | ... | 1 | 190 | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 192 | |
| | | | Total ... | 740 | 29 | ... | 99 | ... | 8 | ... | ... | 32 | 908 | ... | 6 | ... | 1 | 87 | 8 | 24 | 3 | ... | ... | 6 | 1,043 | |
| | | Bhera ... | Irrigated ... | 509 | 33 | ... | 31 | ... | ... | ... | ... | 16 | 589 | ... | 6 | ... | 1 | 76 | 5 | 6 | 6 | ... | 1 | 8 | 698 | |
| | | | Unirrigated ... | 285 | 7 | ... | 23 | ... | 2 | ... | ... | ... | 317 | 1 | 4 | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 | 325 | |
| | | | Total ... | 794 | 40 | ... | 54 | ... | 2 | ... | ... | 16 | 906 | 1 | 10 | ... | 1 | 77 | 6 | 6 | 6 | ... | 1 | 9 | 1,023 | |
| | | Khusháb ... | Irrigated ... | 80 | 6 | ... | ... | ... | ... | ... | ... | 3 | 89 | ... | ... | ... | 1 | 10 | 2 | 4 | 1 | ... | ... | 2 | 109 | |
| | | | Unirrigated ... | 389 | 12 | | 61 | ... | 5 | ... | ... | 1 | 468 | ... | 6 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 478 | |
| | | | Total ... | 469 | 18 | ... | 61 | ... | 5 | ... | ... | 4 | 557 | ... | 6 | ... | 1 | 10 | 6 | 4 | 1 | ... | ... | 2 | 587 | |
| | | Total District ... | Irrigated ... | 1,183 | 62 | ... | 100 | ... | 1 | ... | ... | 50 | 1,396 | ... | 11 | ... | 3 | 173 | 14 | 34 | 10 | ... | 1 | 16 | 1,658 | |
| | | | Unirrigated ... | 820 | 25 | ... | 114 | ... | 14 | ... | ... | 2 | 975 | 1 | 11 | ... | ... | 1 | 6 | ... | ... | ... | ... | 1 | 995 | |
| | | | Total ... | 2,003 | 87 | ... | 214 | ... | 15 | ... | ... | 52 | 2,371 | 1 | 22 | ... | 3 | 174 | 20 | 34 | 10 | ... | 1 | 17 | 2,653 | |

JHELUM.

20th June 1890.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jhelum ... | Irrigated ... | 14 | 3 | ... | ... | ... | ... | ... | ... | ... | 17 | ... | ... | ... | 3 | 2 | 1 | ... | 3 | ... | 1 | 2 | 29 |
| | Unirrigated ... | 592 | 21 | ... | 16 | ... | 5 | 1 | 1 | ... | 636 | 2 | 47 | ... | ... | ... | 6 | ... | ... | 2 | ... | 3 | 696 |
| | Total ... | 606 | 24 | ... | 16 | ... | 5 | 1 | 1 | ... | 653 | 2 | 47 | ... | 3 | 2 | 7 | ... | 3 | 2 | 1 | 5 | 725 |
| Chakwál ... | Irrigated ... | 11 | 11 | ... | ... | ... | ... | ... | ... | 1 | 23 | ... | ... | ... | 1 | 1 | 1 | ... | 2 | ... | 1 | ... | 29 |
| | Unirrigated ... | 1,246 | 23 | ... | 68 | ... | ... | ... | ... | ... | 1,337 | ... | 73 | ... | ... | ... | 9 | ... | ... | ... | ... | ... | 1,419 |
| | Total ... | 1,257 | 34 | ... | 68 | ... | ... | ... | ... | 1 | 1,360 | ... | 73 | ... | 1 | 1 | 10 | ... | 2 | ... | 1 | ... | 1,448 |
| Pind Dádan Khan | Irrigated ... | 125 | 13 | ... | 1 | ... | 1 | ... | ... | 1 | 141 | 1 | 2 | 1 | 3 | 15 | 4 | ... | 1 | ... | ... | 4 | 172 |
| | Unirrigated ... | 594 | 17 | ... | 3 | ... | 2 | 1 | 1 | ... | 618 | 5 | 11 | ... | ... | 1 | 5 | ... | ... | ... | ... | ... | 640 |
| | Total ... | 719 | 30 | ... | 4 | ... | 3 | 1 | 1 | 1 | 759 | 6 | 13 | 1 | 3 | 16 | 9 | ... | 1 | ... | ... | 4 | 812 |
| Tálagang ... | Irrigated ... | 12 | 12 | ... | ... | ... | ... | ... | ... | 3 | 27 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 29 |
| | Unirrigated ... | 957 | 7 | ... | 266 | ... | ... | ... | ... | ... | 1,230 | ... | 48 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1,279 |
| | Total ... | 969 | 19 | ... | 266 | ... | ... | ... | ... | 3 | 1,257 | ... | 48 | ... | ... | ... | 1 | ... | 1 | ... | ... | 1 | 1,308 |
| Total District ... | Irrigated ... | 162 | 39 | ... | 1 | ... | 1 | ... | ... | 5 | 208 | 1 | 2 | 1 | 7 | 18 | 6 | ... | 7 | ... | 2 | 7 | 259 |
| | Unirrigated ... | 3,389 | 68 | ... | 353 | ... | 7 | 2 | 2 | ... | 3,821 | 7 | 179 | ... | ... | 1 | 21 | ... | ... | 2 | ... | 3 | 4,034 |
| | Total ... | 3,551 | 107 | ... | 354 | ... | 8 | 2 | 2 | 5 | 4,029 | 8 | 181 | 1 | 7 | 19 | 27 | ... | 7 | 2 | 2 | 10 | 4,293 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| PINDI. | June 1890. | Ráwalpindi ... | Irrigated ... | 13 | 6 | ... | ... | ... | ... | ... | ... | ... | 19 | ... | ... | ... | 4 | 1 | 1 | ... | 3 | ... | ... | ... | 28 | |
| | | | Unirrigated ... | 782 | 30 | ... | 3 | ... | ... | ... | ... | ... | 815 | ... | 119 | ... | ... | ... | 19 | ... | ... | ... | ... | ... | 953 | |
| | | | Total ... | 795 | 36 | ... | 3 | ... | ... | ... | ... | ... | 834 | ... | 119 | ... | 4 | 1 | 20 | ... | 3 | ... | .. | ... | 981 | |
| | | Attock ... | Irrigated ... | 30 | 44 | ... | ... | ... | ... | ... | ... | 2 | 76 | ... | 2 | 1 | 10 | ... | 4 | ... | 16 | ... | 1 | 6 | 116 | |
| | | | Unirrigated ... | 623 | 68 | ... | 133 | ... | ... | ... | ... | ... | 824 | ... | 56 | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 884 | |
| | | | Total ... | 653 | 112 | ... | 133 | ... | ... | ... | ... | 2 | 900 | ... | 58 | 1 | 14 | ... | 4 | ... | 16 | ... | 1 | 6 | 1,000 | |
| | | Kahúta ... | Irrigated ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 3 | |
| | | | Unirrigated ... | 252 | 10 | ... | 1 | ... | 1 | ... | ... | ... | 264 | ... | 8 | .. | ... | ... | 4 | ... | ... | ... | ... | ... | 276 | |
| | | | Total ... | 253 | 10 | ... | 1 | ... | 1 | ... | ... | ... | 265 | ... | 8 | ... | ... | ... | 5 | ... | 1 | ... | ... | ... | 279 | |
| | | Murree ... | Irrigated ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | |
| | | | Unirrigated ... | 23 | 5 | ... | ... | ... | ... | ... | ... | ... | 28 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29 | |
| | | | Total ... | 24 | 5 | ... | ... | ... | ... | ... | ... | ... | 29 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RAWAL | 26th | Pindigheb ... | Irrigated ... | 17 | 16 | ... | ... | ... | ... | ... | ... | 1 | 34 | ... | ... | ... | 1 | 1 | 1 | ... | 1 | ... | ... | ... | 38 |
| | | | Unirrigated ... | 273 | 24 | ... | 112 | ... | ... | ... | ... | ... | 409 | ... | 20 | ... | ... | ... | 7 | ... | ... | ... | ... | ... | 436 |
| | | | Total ... | 290 | 40 | ... | 112 | ... | ... | ... | ... | 1 | 443 | ... | 20 | ... | 1 | 1 | 8 | ... | 1 | ... | ... | ... | 474 |
| | | Gujar Khan ... | Irrigated ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 4 |
| | | | Unirrigated ... | 807 | 20 | ... | 22 | ... | 2 | ... | ... | ... | 851 | ... | 41 | ... | ... | ... | 8 | ... | ... | 1 | ... | ... | 901 |
| | | | Total ... | 808 | 21 | ... | 22 | ... | 2 | ... | ... | ... | 853 | ... | 41 | ... | ... | ... | 9 | ... | 1 | 1 | ... | ... | 905 |
| | | Fatahjang ... | Irrigated ... | 21 | 23 | ... | ... | ... | ... | ... | 1 | 2 | 47 | ... | ... | ... | 1 | 1 | 2 | ... | 2 | ... | ... | ... | 53 |
| | | | Unirrigated ... | 751 | 44 | ... | 14 | ... | ... | ... | ... | ... | 809 | 1 | 60 | ... | ... | ... | 17 | ... | ... | ... | ... | ... | 887 |
| | | | Total ... | 772 | 67 | ... | 14 | ... | ... | ... | 1 | 2 | 856 | 1 | 60 | ... | 1 | 1 | 19 | ... | 2 | ... | ... | .. | 940 |
| | | Total District ... | Irrigated ... | 84 | 90 | ... | ... | ... | ... | ... | 1 | 5 | 180 | ... | 2 | 1 | 16 | 3 | 10 | ... | 24 | ... | 1 | 6 | 243 |
| | | | Unirrigated ... | 3,511 | 201 | ... | 285 | ... | 3 | ... | ... | ... | 4,000 | 1 | 305 | ... | 4 | ... | 55 | ... | ... | 1 | ... | ... | 4,366 |
| | | | Total ... | 3,595 | 291 | ... | 285 | ... | 3 | ... | 1 | 5 | 4,180 | 1 | 307 | 1 | 20 | 3 | 65 | ... | 24 | 1 | 1 | 6 | 4,609 |
| HAZARA. | 16th June 1890. | Abbott-abad ... | Irrigated ... | 11 | 8 | ... | ... | ... | ... | ... | ... | ... | 19 | ... | 1 | ... | .. | ... | ... | ... | ... | ... | ... | 1 | 21 |
| | | | Unirrigated ... | 201 | 150 | ... | ... | ... | 2 | ... | 1 | 1 | 355 | ... | 35 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 390 |
| | | | Total ... | 212 | 158 | ... | ... | ... | 2 | ... | 1 | 1 | 374 | ... | 36 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 411 |
| | | Haripur ... | Irrigated ... | 71 | 47 | ... | ... | ... | ... | ... | ... | ... | 118 | ... | 6 | ... | ... | 1 | 6 | ... | 2 | ... | ... | 1 | 134 |
| | | | Unirrigated ... | 283 | 115 | ... | 5 | ... | ... | ... | ... | ... | 403 | ... | 35 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 439 |
| | | | Total ... | 354 | 162 | ... | 5 | ... | ... | ... | ... | ... | 521 | ... | 41 | ... | .. | 1 | 7 | ... | 2 | ... | ... | 1 | 573 |
| | | Mansahra ... | Irrigated ... | 26 | 12 | ... | ... | ... | ... | ... | ... | ... | 38 | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | 22 | 62 |
| | | | Unirrigated ... | 377 | 179 | ... | ... | ... | 22 | ... | 2 | 1 | 581 | ... | 60 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 641 |
| | | | Total ... | 403 | 191 | ... | ... | ... | 22 | ... | 2 | 1 | 619 | ... | 61 | ... | ... | ... | 1 | ... | ... | ... | ... | 22 | 703 |
| | | Total District ... | Irrigated ... | 108 | 67 | ... | ... | ... | ... | ... | ... | ... | 175 | ... | 8 | ... | ... | 1 | 7 | ... | 2 | ... | ... | 24 | 217 |
| | | | Unirrigated ... | 861 | 444 | ... | 5 | ... | 24 | ... | 3 | 2 | 1,339 | ... | 130 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1,470 |
| | | | Total ... | 969 | 511 | ... | 5 | ... | 24 | ... | 3 | 2 | 1,514 | ... | 138 | ... | ... | 1 | 8 | ... | 2 | ... | ... | 24 | 1,687 |

*Crop Returns for the Rabi* 1890 (00 *omitted,* i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| WAR. | July 1890. | Pesháwar ... | Irrigated ... | 144 | 96 | ... | ... | ... | 5 | ... | ... | 4 | 249 | ... | 1 | 7 | 5 | 1 | 6 | ... | ... | ... | ... | 25 | 294 | |
| | | | Unirrigated ... | 5 | 5 | ... | ... | ... | ... | ... | ... | ... | 10 | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | 13 | |
| | | | Total ... | 149 | 101 | ... | ... | ... | 5 | ... | ... | 4 | 259 | ... | 1 | 7 | 5 | 1 | 9 | ... | ... | ... | ... | 25 | 307 | |
| | | Doába Daudzai | Irrigated ... | 192 | 91 | ... | ... | ... | 28 | ... | 1 | 1 | 313 | ... | ... | 1 | 3 | ... | 13 | ... | ... | ... | ... | 15 | 345 | |
| | | | Unirrigated ... | 6 | 9 | ... | ... | ... | ... | ... | ... | ... | 15 | ... | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | 18 | |
| | | | Total ... | 198 | 100 | ... | ... | ... | 28 | ... | 1 | 1 | 328 | ... | ... | 1 | 3 | ... | 16 | ... | ... | ... | ... | 15 | 363 | |
| | | Hashtnagar ... | Irrigated ... | 338 | 123 | ... | ... | ... | 14 | ... | ... | 1 | 476 | ... | 52 | 1 | 3 | ... | 6 | ... | 2 | ... | ... | 4 | 544 | |
| | | | Unirrigated ... | 12 | 61 | ... | ... | ... | 3 | ... | ... | ... | 76 | ... | 1 | ... | ... | ... | 4 | ... | ... | ... | 1 | ... | 82 | |
| | | | Total ... | 350 | 184 | ... | ... | ... | 17 | ... | ... | 1 | 552 | ... | 53 | 1 | 3 | ... | 10 | ... | 2 | ... | 1 | 4 | 626 | |
| | | Naushahra ... | Irrigated ... | 64 | 87 | ... | ... | ... | ... | ... | ... | 2 | 153 | ... | 2 | ... | 3 | ... | 8 | ... | 2 | ... | 1 | 2 | 171 | |
| | | | Unirrigated ... | 50 | 48 | ... | 4 | ... | 2 | ... | ... | 1 | 105 | ... | 1 | ... | ... | ... | 9 | ... | ... | ... | ... | ... | 115 | |
| | | | Total ... | 114 | 135 | ... | 4 | ... | 2 | ... | ... | 3 | 258 | ... | 3 | ... | 3 | ... | 17 | ... | 2 | ... | 1 | 2 | 286 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PESHA | 5th | Mardán ... | Irrigated ... | 176 | 167 | ... | ... | ... | ... | ... | ... | 1 | 344 | ... | 47 | ... | 4 | ... | 11 | ... | 2 | ... | ... | 1 | 409 |
| | | | Unirrigated ... | 87 | 96 | ... | ... | ... | ... | ... | ... | ... | 183 | ... | 7 | ... | ... | ... | 9 | ... | ... | ... | ... | ... | 199 |
| | | | Total ... | 263 | 263 | ... | ... | ... | ... | ... | ... | 1 | 527 | ... | 54 | ... | 4 | ... | 20 | ... | 2 | ... | ... | 1 | 608 |
| | | Utmán Bolak ... | Irrigated ... | 14 | 121 | ... | ... | ... | ... | ... | ... | 3 | 138 | ... | 12 | ... | 4 | ... | 6 | 1 | 21 | ... | 1 | 10 | 193 |
| | | | Unirrigated ... | 450 | 73 | ... | 10 | ... | ... | ... | ... | ... | 533 | ... | 35 | ... | ... | ... | 1 | .. | ... | ... | ... | ... | 569 |
| | | | Total ... | 464 | 194 | ... | 10 | ... | ... | ... | ... | 3 | 671 | ... | 47 | ... | 4 | ... | 7 | 1 | 21 | ... | 1 | 10 | 762 |
| | | Total District ... | Irrigated ... | 928 | 685 | ... | ... | ... | 47 | ... | 1 | 12 | 1,673 | ... | 114 | 9 | 22 | 1 | 50 | 1 | 27 | ... | 2 | 57 | 1,956 |
| | | | Unirrigated ... | 610 | 292 | ... | 14 | ... | 5 | ... | ... | 1 | 922 | ... | 44 | ... | ... | ... | 29 | ... | ... | ... | 1 | ... | 996 |
| | | | Total ... | 1,538 | 977 | ... | 14 | ... | 52 | ... | 1 | 13 | 2,595 | ... | 158 | 9 | 22 | 1 | 79 | 1 | 27 | ... | 3 | 57 | 2,952 |
| KOHAT. | 19th June 1890. | Kohát ... | Irrigated ... | 96 | 30 | ... | ... | ... | ... | ... | ... | ... | 126 | ... | ... | 2 | ... | ... | 4 | ... | ... | ... | ... | ... | 132 |
| | | | Unirrigated ... | 72 | 4 | ... | 4 | ... | ... | ... | ... | ... | 80 | ... | 5 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 89 |
| | | | Total ... | 168 | 34 | ... | 4 | ... | ... | ... | ... | ... | 206 | ... | 5 | 2 | ... | ... | 8 | ... | ... | ... | ... | ... | 221 |
| | | Hangu ... | Irrigated ... | 52 | 3 | ... | ... | ... | ... | ... | ... | ... | 55 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 57 |
| | | | Unirrigated ... | 15 | ... | ... | ... | ... | ... | ... | ... | ... | 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 |
| | | | Total ... | 67 | 3 | ... | ... | ... | ... | ... | ... | ... | 70 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 72 |
| | | Barak ... | Irrigated ... | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 6 |
| | | | Unirrigated ... | 553 | 11 | ... | 50 | ... | ... | ... | ... | ... | 614 | ... | ... | ... | ... | ... | 1 | ... | .. | ... | ... | ... | 615 |
| | | | Total ... | 556 | 12 | ... | 50 | ... | ... | ... | ... | ... | 618 | ... | ... | ... | ... | 1 | 1 | ... | 1 | ... | ... | ... | 621 |
| | | Total District ... | Irrigated ... | 151 | 34 | ... | ... | ... | ... | ... | ... | ... | 185 | ... | ... | 2 | 1 | 1 | 5 | ... | 1 | ... | ... | ... | 195 |
| | | | Unirrigated ... | 640 | 15 | ... | 54 | ... | ... | ... | ... | ... | 709 | ... | 5 | ... | ... | ... | 5 | ... | ... | ... | ... | ... | 719 |
| | | | Total ... | 791 | 49 | ... | 54 | ... | ... | ... | ... | ... | 894 | ... | 5 | 2 | 1 | 1 | 10 | ... | 1 | ... | ... | ... | 914 |

*Crop Returns for the Rabi* 1890 (00 *omitted*, i.e., *areas stated in hundreds of acres*), *Punjab*—continued.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | Remarks. |
| Bannu. | 30th June 1890. | Bannu ... | Irrigated ... | 463 | 106 | ... | ... | ... | ... | ... | 1 | ... | 570 | ... | ... | 2 | 2 | ... | 6 | ... | 1 | ... | ... | 67 | 648 | |
| | | | Unirrigated ... | 287 | 12 | ... | 73 | ... | ... | ... | ... | ... | 372 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 372 | |
| | | | Total ... | 750 | 118 | ... | 73 | ... | ... | ... | 1 | ... | 942 | ... | ... | 2 | 2 | ... | 6 | ... | 1 | ... | ... | 67 | 1,020 | |
| | | Marwat ... | Irrigated ... | 200 | 4[illegible] | ... | ... | ... | ... | ... | ... | ... | 248 | ... | 4 | ... | ... | 2 | 10 | ... | 1 | ... | ... | 6 | 271 | |
| | | | Unirrigated ... | 1,027 | 1[illegible] | ... | 597 | ... | ... | ... | ... | ... | 1,637 | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | 1,642 | |
| | | | Total ... | 1,227 | 61 | ... | 597 | ... | ... | ... | ... | ... | 1,885 | ... | 4 | ... | ... | 2 | 15 | ... | 1 | ... | ... | 6 | 1,913 | |
| | | Isa Khel ... | Irrigated ... | 92 | 22 | ... | ... | ... | ... | ... | ... | ... | 114 | ... | ... | ... | ... | 1 | 25 | ... | ... | ... | ... | 2 | 142 | |
| | | | Unirrigated ... | 327 | 51 | ... | 7 | ... | 3 | ... | 4 | ... | 392 | ... | 4 | ... | 1 | ... | 5 | ... | 1 | ... | ... | ... | 403 | |
| | | | Total ... | 419 | 73 | ... | 7 | ... | 3 | ... | 4 | ... | 506 | ... | 4 | ... | 1 | 1 | 30 | ... | 1 | ... | ... | 2 | 545 | |
| | | Miánwáli ... | Irrigated ... | 14 | 3 | ... | ... | ... | ... | ... | ... | ... | 17 | ... | 1 | ... | 1 | ... | 1 | ... | 1 | ... | ... | ... | 21 | |
| | | | Unirrigated ... | 511 | 62 | ... | 59 | ... | 17 | ... | 21 | ... | 670 | 1 | 17 | ... | ... | 1 | 27 | ... | ... | ... | ... | 1 | 717 | |
| | | | Total ... | 525 | 65 | ... | 59 | ... | 17 | ... | 21 | ... | 687 | 1 | 18 | ... | 1 | 1 | 28 | ... | 1 | ... | ... | 1 | 738 | |
| | | Total District ... | Irrigated ... | 769 | 179 | ... | ... | ... | ... | ... | 1 | ... | 949 | ... | 5 | 2 | 3 | 3 | 42 | ... | 3 | ... | ... | 75 | 1,082 | |
| | | | Unirrigated ... | 2,152 | 138 | ... | 736 | ... | 20 | ... | 25 | ... | 3,071 | 1 | 21 | ... | 1 | 1 | 37 | ... | 1 | ... | ... | 1 | 3,134 | |
| | | | Total ... | 2,921 | 317 | ... | 736 | ... | 20 | ... | 26 | ... | 4,020 | 1 | 26 | 2 | 4 | 4 | 79 | ... | 4 | ... | ... | 76 | 4,216 | |

DERA ISMAIL KHAN.

21st June 1890.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dera Ismail Khan. | Irrigated ... | 33 | 6 | ... | 1 | ... | ... | ... | ... | 1 | 41 | ... | ... | 1 | 1 | 6 | 2 | ... | 2 | ... | ... | ... | 53 |
| | Unirrigated ... | 637 | 51 | ... | 124 | ... | 6 | ... | 44 | 5 | 867 | ... | 153 | ... | ... | 5 | 12 | ... | ... | ... | 1 | ... | 1,038 |
| | Total ... | 670 | 57 | ... | 125 | ... | 6 | ... | 44 | 6 | 908 | ... | 153 | 1 | 1 | 11 | 14 | ... | 2 | ... | 1 | ... | 1,091 |
| Táuk ... | Irrigated ... | 267 | 18 | ... | ... | ... | ... | ... | ... | 5 | 290 | ... | 34 | 1 | 1 | 1 | 9 | ... | ... | ... | ... | ... | 336 |
| | Unirrigated ... | 111 | 2 | ... | 17 | ... | ... | ... | ... | ... | 130 | ... | 10 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | 144 |
| | Total ... | 378 | 20 | ... | 17 | ... | ... | ... | ... | 5 | 420 | ... | 41 | 1 | 1 | 1 | 13 | ... | ... | ... | ... | ... | 480 |
| Kuláchi ... | Irrigated ... | 107 | 7 | ... | ... | ... | ... | ... | ... | ... | 114 | ... | 4 | 1 | 1 | 2 | ... | ... | ... | ... | ... | ... | 122 |
| | Unirrigated ... | 170 | 4 | ... | 16 | ... | 2 | ... | 6 | 4 | 202 | ... | 223 | ... | ... | 1 | 20 | ... | ... | ... | ... | ... | 446 |
| | Total ... | 277 | 11 | ... | 16 | ... | 2 | ... | 6 | 4 | 316 | ... | 227 | 1 | 1 | 3 | 20 | ... | ... | ... | ... | ... | 568 |
| Leiah ... | Irrigated ... | 403 | 40 | ... | 2 | ... | ... | ... | 1 | 3 | 449 | ... | 16 | ... | 1 | 63 | 5 | ... | 2 | ... | ... | 1 | 537 |
| | Unirrigated ... | 443 | 39 | ... | 91 | ... | 21 | ... | 61 | ... | 655 | ... | 71 | ... | ... | 19 | 1 | ... | ... | ... | ... | 3 | 749 |
| | Total ... | 846 | 79 | ... | 93 | ... | 21 | ... | 62 | 3 | 1,104 | ... | 87 | ... | 1 | 82 | 6 | ... | 2 | ... | ... | 4 | 1,286 |
| Bhakkar ... | Irrigated ... | 157 | 14 | ... | 1 | ... | ... | ... | ... | 2 | 154 | ... | 2 | ... | 1 | 24 | 4 | ... | 1 | ... | ... | 2 | 188 |
| | Unirrigated ... | 727 | 97 | ... | 135 | ... | 9 | ... | 80 | 1 | 1,049 | ... | 80 | ... | ... | 32 | 12 | ... | ... | ... | 1 | 3 | 1,177 |
| | Total ... | 864 | 111 | ... | 136 | ... | 9 | ... | 80 | 3 | 1,203 | ... | 82 | ... | 1 | 56 | 16 | ... | 1 | ... | 1 | 5 | 1,365 |
| Total District ... | Irrigated ... | 947 | 85 | ... | 4 | ... | ... | ... | 1 | 11 | 1,048 | ... | 56 | 3 | 5 | 96 | 20 | ... | 5 | ... | ... | 3 | 1,236 |
| | Unirrigated ... | 2,088 | 193 | ... | 383 | ... | 38 | ... | 191 | 10 | 2,903 | ... | 537 | ... | ... | 57 | 49 | ... | ... | ... | 2 | 6 | 3,554 |
| | Total ... | 3,035 | 278 | ... | 387 | ... | 38 | ... | 192 | 21 | 3,951 | ... | 593 | 3 | 5 | 153 | 69 | ... | 5 | ... | 2 | 9 | 4,790 |

*Crop Returns for the Rabi* 1890 (00 *omitted,* i.e., *areas stated in hundreds of acres*), *Punjab*—concluded.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | *Cereals and Pulses.* | | | | | | | | | | *Oil-seeds.* | | *Miscellaneous food crops.* | | | | *Miscellaneous non-food crops.* | | | | | | |
| District. | Date on which statement was received. | Name of Tahsíl. | Irrigated or unirrigated. | Wheat. | Barley. | Wheat and Barley. | Gram. | Wheat and Gram. | Massar. | Barley and Massar. | Peas. | Others. | Total Cereals and Pulses. | Linseed. | Rape and others. | Fruits. | Vegetables. | Carrots and Turnips. | Others. | Poppy. | Tobacco. | Safflower. | Spices. | Others. | Total of all crops. | REMARKS. |
| DERA GHAZI KHAN. | 2nd July 1890. | Dera Gházi Khan | Irrigated ... | 543 | 15 | ... | 7 | ... | ... | ... | ... | 1 | 566 | ... | 10 | 3 | 3 | 42 | 1 | ... | 5 | ... | ... | 6 | 636 | |
| | | | Unirrigated ... | 61 | 1 | ... | 18 | ... | 17 | ... | 17 | 4 | 118 | ... | 63 | ... | ... | 2 | 1 | ... | ... | ... | ... | 1 | 185 | |
| | | | Total ... | 604 | 16 | ... | 25 | ... | 17 | ... | 17 | 5 | 684 | ... | 73 | 3 | 3 | 44 | 2 | ... | 5 | ... | ... | 7 | 821 | |
| | | Sangarh ... | Irrigated ... | 69 | 2 | .. | 1 | ... | ... | ... | ... | ... | 72 | ... | 4 | ... | 1 | 5 | ... | ... | ... | ... | ... | ... | 82 | |
| | | | Unirrigated ... | 118 | 3 | ... | 23 | ... | 29 | ... | 13 | ... | 186 | ... | 133 | ... | ... | 2 | 2 | ... | ... | ... | ... | 1 | 324 | |
| | | | Total ... | 187 | 5 | ... | 24 | ... | 29 | ... | 13 | ... | 258 | ... | 137 | .. | 1 | 7 | 2 | ... | ... | ... | ... | 1 | 406 | |
| | | Jámpur ... | Irrigated ... | 197 | 6 | ... | 52 | ... | 1 | ... | 30 | 1 | 287 | ... | 25 | .. | 2 | 2 | ... | 1 | 1 | ... | ... | ... | 318 | |
| | | | Unirrigated ... | 82 | 3 | ... | 3 | ... | 5 | ... | 15 | ... | 108 | ... | 194 | ... | 1 | ... | ... | ... | ... | ... | .. | ... | 303 | |
| | | | Total ... | 279 | 9 | ... | 55 | ... | 6 | ... | 45 | 1 | 395 | ... | 219 | ... | 3 | 2 | ... | 1 | 1 | ... | ... | ... | 621 | |
| | | Rájanpur ... | Irrigated ... | 81 | 3 | ... | ... | ... | ... | ... | 1 | 1 | 86 | ... | 1 | ... | 1 | 1 | ... | 4 | ... | ... | ... | 1 | 9 | |
| | | | Unirrigated ... | 794 | 12 | ... | 8 | ... | 40 | ... | 45 | 13 | 912 | ... | 61 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 975 | |
| | | | Total ... | 87 | 15 | ... | 8 | ... | 40 | ... | 46 | 14 | 998 | ... | 62 | 1 | 2 | 1 | ... | 4 | ... | ... | ... | 1 | 1,069 | |
| | | Total District ... | Irrigated ... | 89 | 26 | ... | 60 | ... | 1 | ... | 31 | 3 | 1,011 | ... | 40 | 3 | 7 | 50 | 1 | 5 | 6 | ... | ... | 7 | 1,130 | |
| | | | Unirrigated ... | 1,05 | 19 | ... | 52 | ... | 91 | ... | 90 | 17 | 1,324 | ... | 451 | 1 | 2 | 4 | 3 | ... | ... | ... | ... | 2 | 1,787 | |
| | | | Total ... | 1,945 | 45 | ... | 112 | ... | 92 | ... | 121 | 20 | 2,335 | ... | 491 | 4 | 9 | 54 | 4 | 5 | 6 | ... | ... | 9 | 2,917 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MUZAFFARGARH. | 2nd July 1890. | Muzaffargarh ... | Irrigated ... | 829 | 16 | ... | 33 | ... | 8 | ... | 72 | 1 | 959 | ... | 5 | 3 | 4 | 72 | 2 | ... | 3 | ... | ... | 7 | 1,055 |
| | | | Unirrigated ... | 187 | 5 | ... | 26 | ... | 16 | ... | 92 | 7 | 333 | ... | 11 | ... | ... | 9 | 1 | ... | ... | ... | ... | 5 | 359 |
| | | | Total ... | 1,016 | 21 | ... | 59 | ... | 24 | ... | 164 | 8 | 1,292 | ... | 16 | 3 | 4 | 81 | 3 | ... | 3 | ... | ... | 12 | 1,414 |
| | | Alipur ... | Irrigated ... | 455 | 42 | ... | 10 | ... | 5 | ... | 75 | ... | 587 | ... | 24 | 1 | 3 | 13 | ... | ... | 3 | ... | ... | 1 | 632 |
| | | | Unirrigated ... | 270 | 37 | ... | 7 | ... | 36 | ... | 81 | ... | 431 | ... | 21 | ... | ... | 2 | 1 | ... | ... | ... | ... | 3 | 458 |
| | | | Total ... | 725 | 79 | ... | 17 | ... | 41 | ... | 156 | ... | 1,018 | ... | 45 | 1 | 3 | 15 | 1 | ... | 3 | ... | ... | 4 | 1,090 |
| | | Sinanwán ... | Irrigated ... | 461 | 27 | ... | 14 | ... | 1 | ... | 19 | ... | 522 | ... | 18 | 1 | 3 | 36 | 1 | ... | 2 | ... | ... | 4 | 587 |
| | | | Unirrigated ... | 114 | 3 | ... | 31 | ... | 19 | ... | 29 | ... | 196 | ... | 19 | ... | ... | 9 | ... | ... | ... | ... | ... | 4 | 228 |
| | | | Total ... | 575 | 30 | ... | 45 | ... | 20 | ... | 48 | ... | 718 | ... | 37 | 1 | 3 | 45 | 1 | ... | 2 | ... | ... | 8 | 815 |
| | | Total District .. | Irrigated ... | 1,745 | 85 | ... | 57 | ... | 14 | ... | 166 | 1 | 2,068 | ... | 47 | 5 | 10 | 121 | 3 | ... | 8 | ... | ... | 12 | 2,274 |
| | | | Unirrigated ... | 571 | 45 | ... | 64 | ... | 71 | ... | 202 | 7 | 960 | ... | 51 | ... | ... | 20 | 2 | ... | ... | ... | ... | 12 | 1,045 |
| | | | Total ... | 2,316 | 130 | ... | 121 | ... | 85 | ... | 368 | 8 | 3,028 | ... | 98 | 5 | 10 | 141 | 5 | ... | 8 | ... | ... | 24 | 3,319 |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rajpura-Bhatinda Railway, during the month of May 1890 as compared with the same month of the previous year, prescribed in P. W. D. Circular No. XVII. R. of 9th July 1883.*

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | Remarks. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 500 | 337 | ... | 163 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and coke ... | 1,256 | 3,272 | 2,016 | ... | |
| 3 | Catton, raw ... | 1,631 | 2,273 | 642 | ... | |
| 4 | Cotton, manufactured ... | 2,761 | 3,356 | 595 | ... | |
| 5 | Drugs and medicines ... | 1,381 | 1,603 | 222 | ... | |
| 6 | Dyeing materials ... | 748 | 1,012 | 264 | ... | |
| 7 | Fibrous products .. | 2,131 | 2,284 | 153 | ... | |
| 8 | Fruits and nuts ... | 674 | 638 | ... | 36 | |
| 9 | Grain and pulses— | | | | | |
| | (a) Wheat ... | 32,762 | 28,382 | ... | 4,380 | |
| | (b) Gram ... | 3,446 | 9,774 | 6,328 | ... | |
| | (c) Other grain ... | 10,158 | 12,972 | 2,814 | ... | |
| 10 | Hides and horns ... | 615 | 671 | 56 | ... | |
| 11 | Leather and manufactures of leather. | 20 | 206 | 186 | ... | |
| 12 | Liquors ... | 990 | 1,094 | 104 | ... | |
| 13 | Metals and manufactures of metals. | 2,566 | 3,661 | 1,095 | ... | |
| 14 | Military stores .. | 1,540 | 1,902 | 362 | ... | |
| 15 | Oils ... | 636 | 1,489 | 853 | ... | |
| 16 | Provisions.—Ghee, &c. ... | 1,318 | 3,742 | 2,424 | ... | |
| 17 | Railway materials ... | 35,165 | 12,232 | ... | 22,933 | |
| 18 | Salt ... | 8,158 | 7,518 | ... | 640 | |
| 19 | Saltpetre ... | 119 | 221 | 102 | .. | |
| 20 | Seeds ... | 13,481 | 9,834 | ... | 3,647 | |
| 21 | Silk ... | 30 | 35 | 5 | ... | |
| 22 | Spices ... | 434 | 594 | 160 | ... | |
| 23 | Stone, kunkur, lime and bricks... | 6,907 | 12,015 | 5,108 | ... | |
| 24 | Sugar ... | 12,900 | 11,771 | ... | 1,129 | |
| 25 | Tea ... | 188 | 173 | ... | 15 | |
| 26 | Tabacco ... | 454 | 509 | 55 | ... | |
| 27 | Wood— | | | | | |
| | (a) Timber ... | 2,762 | 2,551 | ... | 211 | |
| | (b) Fire-wood ... | 3,990 | 4,863 | 873 | ... | |
| 28 | Wool ... | 910 | 1,110 | 200 | ... | |
| 29 | All other articles of merchandize | 3,444 | 5,327 | 1,883 | ... | |
| | | No. | No. | No. | No. | |
| | Total ... Animals ... | 500 | 337 | ... | 163 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... Goods ... | 153,575 | 147,084 | ... | 6,491 | |

LAHORE:
*The 7th July* 1890.

C. A. R. BROWNE, CAPTAIN, R. E.,
for *Examiner of Accounts.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF MAY 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| May 1890 ... ... ... | 5,283 | 756 | 820 | 19,533 | 5,842 | |
| May 1889 ... ... ... | 4,798 | 775 | 823 | 18,120 | 7,503 | |
| Difference ... ... | + 485 | — 19 | — 8 | + 1,413 | — 1,661 | |
| First 2 months of 1890-91... ... | 9,551 | 1,356 | 1,471 | 35,674 | 11,122 | |
| First 2 months of 1889-90... ... | 8,555 | 1,279 | 1,530 | 32,556 | 14,600 | |
| Difference ... ... | + 996 | + 77 | — 59 | + 3,118 | — 3,478 | |

Office of Inspector-General of Registration, Punjab,
Lahore:
*The 5th July* 1890.

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—17-7-90—690.

No. 30 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 24, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 22nd JULY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·91 at Hissar. 0·95 in Hansi ... 1·23 in Bhiwáni. 2·88 in Fatahabad. 1·67 in Barwála. 3·19 in Sirsa. | Fodder still scarce. | ... | Sowings in progress. | ... |
| 2 | Delhi ... | 9·25 at Sadr. 2·56 in Ballabgarh. 1·76 in Sonepat. | ... | Fluctuating. | Cultivation progressing. | ... |
| 3 | Umballa ... | 4·20 | ... | Stationary. | Sowings completed. Crops flourishing. | ... |
| 4 | Jullundur ... | 0·66 | Fodder insufficient. | Do. | Sowings commenced; sugar-cane and cotton weeding in progress. | ... |
| 5 | Ferozepore ... | 0·96 in Moga. 0·89 in Zíra. 1·07 in Sadr. 1·55 in City. 0·67 in Natháns | Fodder sufficient. | Do. | Sowings commenced. | ... |
| 6 | Amritsar ... | 0·59 average. | Do. | Do. | Jowár, chari, jhona, &c., under cultivation. They are in good condition. No complaints against canal working. | ... |
| 7 | Siálkot ... | Slight rainfall in Pasrúr and Daska. | Fodder abundant. | Do. | Crops promising. | Ploughings commenced. |
| 8 | Lahore ... | 2·11 at Lahore. 1·76 in Chunián. 0·56 in Kasúr. 1·50 in Sharakpur. | Fodder sufficient. | Do. | Sowings on unirrigated lands in progress. Irrigated crops promising. Locusts are reported to have passed through Mangtanwála in the Sharakpur Tahsíl towards Montgomery without causing any damage to crops. | ... |
| 9 | Mooltan ... | 0·30 at Kabírwála. | Fodder scarce in Raws and on Sidhnai Canal. | Do. | Sowings nearly finished. Canals flowing well. | ... |
| 10 | Ráwalpindi ... | 0·95 at Ráwalpindi. 0·20 in Attock. 1·42 in Gújar Khan. 5·31 in Kahúta. 1·60 in Murree. | Fodder sufficient. | Falling. | Sowings in progress. | ... |
| 11 | Shahpur ... | Partial rainfall in Bhera and Khusháb. | Fodder scarce in Thal and Bar. | Stationary. | Crops in fair condition on irrigated lands; elsewhere inferior. Rain wanted. | ... |
| 12 | D. I. Khan ... | 0·18 | Fodder supply average. | Do. | Condition of crops good. | ... |
| 13 | Peshávar ... | ... | Fodder sufficient. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Rain has fallen in all districts except Pesháwar. Prices unsettled in Delhi, falling in Ráwalpindi, and stationary elsewhere. K[illegible] sowings in progress. Rabi ploughings commenced in Siálkot. More rain wanted in Shahpur. Crops promising and in good co[illegible] Locusts passed through Sharakpur Tahsíl towards Montgomery without causing any damage to crops. Fodder sufficient in Hissar, Jullundur and parts of Mooltan and Shahpur.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture,* [illegible]ab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 18 | 18 | 21 | 24 | 25 | ... | ... | ... | 9 | 10 | 10 | 20 | 20 | 22 | 20 | 21 | 20 |
| Rohtak ... | 17 | 17 | 17 | 19 | 20 | 25 | ... | ... | ... | 10 | 10 | 10 | 18 | 19 | 24 | 16 | 18 | 20 |
| Gurgaon ... | 17 | 18 | 17 | 21 | 22 | 24 | ... | ... | ... | 10 | 10 | 11 | 19 | 18 | 19 | 19 | 19 | 20 |
| Delhi ... | 16 | 17 | 17 | 21 | 21 | 23 | ... | ... | ... | 13 | 12 | 10 | 18 | 17 | 21 | 17 | 17 | 17 |
| Karnál ... | 17 | 17 | 17 | 24 | 23 | 26 | ... | ... | ... | 11 | 11 | 11 | 22 | 16 | 20 | 16 | 16 | 16 |
| Umballa ... | 18 | 19 | 20 | 24 | 23 | 24 | ... | ... | ... | 12 | 12 | 10 | 22 | 19 | 18 | 18 | 20 | 17 |
| Simla ‖ ... | † | 12 | 13 | ... | 16 | 19 | ... | ... | ... | ... | 8 | 8 | ... | 15 | 15 | ... | 13 | 11 |
| Kángra ... | 16 | 16 | 19 | 23 | 23 | 28 | ... | ... | ... | 12 | 11 | 12 | 12 | 12 | 15 | 10 | 10 | 10 |
| Hoshiárpur ... | 20 | 20 | 22 | 28 | 30 | 34 | ... | ... | ... | 10 | 10 | 10 | 22 | 19 | 25 | 20 | 19 | 16 |
| Jullundur ... | 20 | 21 | 20 | 30 | 30 | 30 | ... | ... | ... | 8 | 8 | 8 | 20 | 20 | 20 | 18 | 19 | 20 |
| Ludhiána ... | 20 | 20 | 21 | 27 | 27 | 32 | ... | ... | ... | 12 | 12 | 12 | 25 | 23 | 27 | 21 | 22 | 23 |
| Ferozepore ... | 19 | 20 | 19 | 30 | 32 | 30 | ... | ... | ... | 10 | 10 | 9 | 21 | 21 | 20 | 20 | 20 | 16 |
| Mooltan ... | 16 | 17 | 15 | 27 | 27 | 22 | ... | ... | ... | 11 | 12 | 10 | 21 | 23 | 24 | 20 | 23 | 18 |
| Jhang ... | 18 | 18 | 20 | 23 | 24 | 29 | ... | ... | ... | 9 | 9 | 10 | 14 | 16 | 16 | 16 | 19 | 16 |
| Montgomery ... | 17 | 17 | 18 | 24 | 26 | 23 | ... | ... | ... | 11 | 10 | 9 | 16 | 18 | 18 | 16 | 16 | 15 |
| Lahore ... | 18 | 19 | 18 | 25 | 28 | 30 | ... | ... | ... | 11 | 11 | 9 | 19 | 19 | 24 | 18 | 18 | 16 |
| Amritsar ... | 19 | 20 | 20 | 29 | 29 | 29 | ... | ... | ... | 10 | 10 | 9 | 21 | 19 | 24 | 15 | 17 | 14 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 20 | 16 | 18 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 21 | 27 | 28 | 30 | ... | ... | ... | 13 | 10 | 11 | 25 | 18 | 22 | 20 | 20 | 22 |
| Gujrát ... | 20 | 20 | 22 | 30 | 29 | 33 | ... | ... | ... | 11 | 11 | 10 | 26 | 22 | 20 | 21 | 22 | 20 |
| Gujránwála ... | 19 | 18 | 19 | 27 | 26 | 35 | ... | ... | ... | 13 | 12 | 11 | 19 | 17 | 20 | 16 | 14 | 16 |
| Shahpur ... | 20 | 19 | 24 | 27 | 28 | 35 | ... | ... | ... | 10 | 10 | 9 | 25 | 25 | 22 | 23 | 23 | 22 |
| Jhelum ... | 20 | 20 | 22 | 30 | 28 | 32 | ... | ... | ... | 12 | 12 | 9 | 22 | 22 | 22 | 22 | 22 | 21 |
| Ráwalpindí ... | 19 | 19 | 20 | 31 | 32 | 35 | ... | ... | ... | 9 | 9 | 11 | 35 | 27 | 17 | 26 | 25 | 16 |
| Hazára ... | 22 | 20 | 21 | 33 | 32 | 34 | ... | ... | ... | 11 | 12 | 11 | § | § | § | § | 16 | 12 |
| Peshámar ... | 19 | 18 | 21 | 34 | 30 | 43 | ... | ... | ... | 10 | 11 | 10 | 25 | 27 | 28 | 24 | 24 | 15 |
| Kohát ... | 21 | 22 | 24 | 33 | 36 | 45 | ... | ... | ... | 15 | 15 | 11 | 23 | 31 | 30 | 31 | 31 | 20 |
| Bannu ... | 27 | 28 | 29 | 51 | 51 | 37 | ... | ... | ... | 13 | 13 | 11 | 30 | 40 | 20 | 30 | 31 | 14 |
| D. I. Khan ... | 21 | 21 | 21 | 35 | 36 | 36 | ... | ... | ... | 8 | 8 | 7 | 27 | 28 | 15 | 26 | 27 | 16 |
| D. G. Khan ... | 17 | 17 | 16 | 23 | 23 | 24 | ... | ... | ... | 8 | 8 | 9 | 25 | 25 | 23 | 24 | 24 | 20 |
| Muzaffargarh | 17 | 17 | 17 | 25 | 25 | 25 | ... | ... | ... | 15 | 15 | 13 | 16 | 16 | 20 | 16 | 16 | 20 |

† Not produced.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th JULY 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 23 | 24 | 25 |
| † | † | † | 16 | 16 | 16 | 20 | 22 | 25 |
| † | † | † | † | † | † | 21 | 22 | 23 |
| † | † | † | 12 | 13 | 12 | 20 | 21 | 23 |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 21 | 26 |
| 24 | 20 | 20 | 10 | 8 | 10 | 20 | 24 | 27 |
| ... | 17 | 20 | ... | 10 | 8 | ... | 14 | 15 |
| 20 | 20 | 25 | 6 | 6 | 8 | 16 | 16 | 21 |
| 12 | 12 | 12 | 20 | 16 | 24 | 22 | 22 | 28 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 23 | 27 |
| † | † | † | 20 | 20 | 21 | 26 | 26 | 29 |
| † | † | † | 20 | 21 | 16 | 26 | 26 | 27 |
| † | † | † | 22 | 26 | 24 | 21 | 21 | 21 |
| 20 | 21 | 20 | 20 | 20 | 18 | 18 | 18 | 18 |
| § | § | § | 20 | 28 | 28 | 22 | 22 | 24 |
| § | § | § | 26 | 26 | 20 | 23 | 24 | 27 |
| † | † | † | 19 | 19 | 23 | 24 | 25 | 28 |
| † | † | † | 12 | 12 | 12 | 23 | 23 | 24 |
| § | § | § | 25 | 25 | 19 | 22 | 23 | 26 |
| † | † | † | 12 | 12 | 12 | 23 | 23 | 27 |
| † | † | § | 16 | 16 | 20 | 24 | 23 | 29 |
| 20 | 20 | 20 | 20 | 20 | 20 | 25 | 24 | 30 |
| ‡ | ‡ | † | ‡ | ‡ | † | 22 | 23 | 26 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 22 | 21 | 24 |
| † | † | † | § | 16 | 12 | 20 | 20 | 20 |
| † | † | † | 22 | 22 | 20 | 20 | 19 | 21 |
| † | † | † | † | 29 | ‡ | 23 | 23 | 23 |
| 8 | 6 | 8 | 8 | 6 | 8 | 32 | 32 | 31 |
| 26 | § | § | ‡ | 6 | 6 | 27 | 28 | 26 |
| § | § | § | § | § | § | 21 | 21 | 21 |
| § | § | § | § | § | § | 19 | 19 | 19 |

† Not produced.
‡ Not sold.
§ Not procurable.
‖ Statement not received.

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 19 seers as compared with 19 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 20 | 19 | 18 |
| Kangra | ... | 19 | 16 | 16 |
| Gurdáspur | ... | 22 | 20 | 20 |
| Shahpur | ... | 24 | 19 | 20 |
| Kohát | ... | 24 | 22 | 21 |
| Bannu | ... | 29 | 28 | 27 |

*Barley.*—Prices average 28 seers as compared with 28 seers in last fortnight and 30 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 25 | 20 | 19 |
| Hoshiárpur | ... | 34 | 30 | 28 |
| Jhang | ... | 29 | 24 | 23 |
| Gujránwála | ... | 35 | 26 | 27 |
| Kohát | ... | 45 | 36 | 33 |
| Bannu | ... | 37 | 51 | 51 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 10 | 12 | 13 |
| Ferozepore | ... | 9 | 10 | 10 |
| Lahore | ... | 9 | 11 | 11 |
| Jhelum | ... | 9 | 12 | 12 |
| Kohát | ... | 11 | 15 | 15 |
| Muzaffargarh | ... | 13 | 15 | 15 |

*Jowár.*—Prices average 22 seers as compared with 21 seers in last fortnight and 21 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 24 | 19 | 18 |
| Hoshiárpur | ... | 25 | 19 | 22 |
| Lahore | ... | 24 | 19 | 19 |
| Ráwalpindi | ... | 17 | 27 | 35 |
| Kohát | ... | 30 | 31 | 23 |
| D. I. Khan | ... | 15 | 28 | 27 |

*Bájra.*—Prices average 20 seers as compared with 20 seers in last fortnight and 17 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 20 | 18 | 16 |
| Ferozepore | ... | 16 | 20 | 20 |
| Lahore | ... | 16 | 18 | 18 |
| Ráwalpindi | ... | 16 | 25 | 26 |
| Kohát | ... | 20 | 31 | 31 |
| Bannu | ... | 14 | 31 | 30 |

*Gram.*—Prices average 22 seers as compared with 23 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 27 | 24 | 20 |
| Hoshiárpur | ... | 28 | 22 | 22 |
| Lahore | ... | 27 | 24 | 23 |
| Gujránwála | ... | 29 | 23 | 24 |
| Peshávar | ... | 21 | 19 | 20 |
| Bannu | ... | 31 | 32 | 32 |

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | | Past fortnight ending 30th June 1890. | | Corresponding fortnight of 1889. | |
| | | | | | | | | | | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 19 | 18 | 17 | † | † | † | 120 | 120 | 110 | 11 2 | 11 0 | 11 2 | 11 0 | 11 0 | 10 12 |
| Rohtak ... | 16 | 16 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 10 0 | 11 0 | 11 0 | 11 0 | 10 0 |
| Gurgaon ... | 19 | 18 | 20 | 23 | 24 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 13 | 20 | 21 | 23 | 25 | 80 | 80 | 80 | 13 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 18 | 22 | 19 | 20 | 20 | 160 | 160 | 160 | 10 0 | 9 8 | 10 0 | 9 8 | 10 8 | 10 0 |
| Umballa ... | 22 | 23 | 32 | 20 | 20 | 20 | 140 | 160 | 120 | 13 0 | 13 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Simla ‖ ... | ... | 15 | 19 | ... | 10 | 9 | ... | 65 | 60 | ... | ... | 8 4 | 7 12 | 9 12 | 8 8 |
| Kángra ... | 18 | 18 | 25 | 12 | 13 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ‡ | 10 0 |
| Hoshiárpur ... | 24 | 24 | 28 | 14 | 14 | 17 | 95 | 115 | 100 | 13 4 | 13 2 | 13 4 | 13 2 | 13 0 | 12 12 |
| Jullundur ... | 26 | 28 | 32 | ‡ | ‡ | ‡ | 110 | 110 | 90 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 25 | 25 | 32 | 14 | 14 | 14 | 110 | 110 | 110 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 8 |
| Ferozepore ... | 21 | 22 | 18 | 12 | 12 | 11 | 100 | 100 | 100 | 13 8 | 13 4 | 13 8 | 13 4 | 13 8 | 13 4 |
| Mooltan ... | 21 | 22 | 24 | † | † | † | 90 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Jhang ... | 16 | 16 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 16 | 20 | 16 | 8 | 12 | 12 | 200 | 220 | 200 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 20 | 20 | 24 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 19 | 17 | 23 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Gurdáspur ... | 22 | 20 | 22 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 23 | 25 | 21 | 12 | 12 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 24 | 26 | 20 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 13 8 |
| Gujránwála ... | 27 | 27 | 20 | † | † | § | 105 | 85 | 100 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 22 | ‡ | ‡ | ‡ | 200 | 240 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 27 | 22 | 11 | 11 | † | 130 | 120 | 160 | 14 0 | 14 0 | 14 0 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 28 | 28 | 20 | 30 | 26 | 20 | 85 | 86 | 90 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 32 | 32 | 22 | † | † | † | 100 | 100 | 90 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshάwar ... | 31 | 30 | 29 | 28 | 29 | 21 | 105 | 105 | 100 | 43 0 | 41 0 | 42 0 | 40 0 | 42 0 | 40 0 |
| Kohát ... | 33 | 31 | 23 | 20 | 25 | † | 145 | 145 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | ·60 0 | 56 0 |
| Bannu ... | 40 | 40 | 31 | 15 | 15 | 13 | 80 | 60 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | ‡ | ‡ | 16 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 42 0 | 40 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 24 0 | 23 0 | 28 0 | 27 0 | 26 0 | 25 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th JULY 1890—concluded.

| 15 | | | 16 | | | |
|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | | |
| Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | REMARKS ON CURRENT VARIATIONS. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 8 0 | 8 8 | 12 8 | 6 8 | 6 0 | 6 0 | |
| 10 0 | 10 0 | 15 0 | 8 0 | 8 0 | 8 0 | |
| 9 0 | 9 0 | 13 0 | 8 8 | 9 0 | 8 0 | |
| 7 0 | 8 0 | 8 0 | 7 0 | 7 0 | 6 0 | |
| 9 0 | 9 8 | 13 0 | 8 0 | 8 0 | 8 0 | |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 | |
| ... | 5 0 | 6 8 | ... | † | 2 0 | |
| | | | | | | |
| 6 8 | 7 0 | 10 0 | 7 0 | 8 0 | 8 0 | |
| 7 0 | 7 4 | 13 8 | 7 4 | 7 12 | 8 0 | |
| 8 0 | 10 0 | 14 0 | 7 0 | 8 0 | 7 0 | |
| 8 0 | 8 0 | 12 0 | 7 0 | 8 0 | 8 0 | |
| 8 0 | 8 0 | 12 0 | 8 0 | 7 0 | 7 8 | |
| | | | | | | |
| 8 0 | 8 8 | 12 0 | 8 0 | 7 0 | 6 8 | |
| 8 4 | 8 8 | 12 0 | 8 0 | 8 0 | 8 0 | |
| 8 4 | 8 12 | 12 0 | 9 0 | 9 0 | 9 0 | |
| 7 0 | 7 0 | 11 8 | 8 1 | 8 1 | 7 2 | |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 7 0 | |
| 8 8 | 8 8 | 15 8 | 8 0 | 8 0 | 8 0 | |
| | | | | | | |
| 10 0 | 10 0 | 16 0 | 8 0 | 7 0 | 8 0 | |
| 9 0 | 9 8 | 13 0 | 8 0 | 8 0 | 7 0 | |
| 9 0 | 9 0 | 13 8 | 8 0 | 8 0 | 8 0 | |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 7 0 | |
| 10 0 | 10 0 | 13 0 | 8 0 | 7 0 | 8 0 | |
| 8 0 | 8 0 | 12 4 | 10 0 | 10 0 | 8 0 | |
| | | | | | | |
| 7 8 | 8 0 | 8 4 | § | § | § | |
| 7 10 | 7 10 | 9 8 | 8 12 | 8 12 | 6 14 | |
| 8 8 | 11 8 | 9 0 | 8 12 | 8 12 | 8 8 | |
| | | | | | | |
| 10 10 | 11 4 | 14 6 | 8 12 | 8 12 | 8 12 | |
| 9 12 | 9 12 | 11 0 | ‡ | ‡ | 8 12 | |
| 6 9 | 6 9 | 9 1 | 7 8 | 7 8 | 8 0 | |
| 7 8 | 8 8 | 10 8 | 8 0 | 8 0 | 8 0 | |

***Maize.***—Prices average 23 seers as compared with 23 seers in last fortnight and 23 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Umballa ... | 32 | 23 | 22 |
| Ludhiána ... | 32 | 25 | 25 |
| Lahore ... | 24 | 20 | 20 |
| Ráwalpindi ... | 20 | 28 | 28 |
| Kohát ... | 23 | 31 | 31 |
| Bannu ... | 31 | 40 | 40 |

† Not produced.
‡ Not sold.
§ Not procurable.
‖ Statement not received.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agricultur Punjab.*

# UPPLEMENT TO PUNJAB GAZETTE, JULY 24, 1890.

## TATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. Present fortnight ending 15th July 1890. | Wheat. Past fortnight ending 30th June 1890. | Wheat. Corresponding fortnight of 1889. | Barley. Present fortnight ending 15th July 1890. | Barley. Past fortnight ending 30th June 1890. | Barley. Corresponding fortnight of 1889. | Rice (best sort). Present fortnight ending 15th July 1890. | Rice (best sort). Past fortnight ending 30th June 1890. | Rice (best sort). Corresponding fortnight of 1889. | Rice (common). Present fortnight ending 15th July 1890. | Rice (common). Past fortnight ending 30th June 1890. | Rice (common). Corresponding fortnight of 1889. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs | Srs. | Srs | Srs. | Srs. |
| Delhi ... | 17 | 18 | 18 | 22 | 22 | 24 | ... | ... | ... | 14 | 13 | 11 |
| Ferozepore ... | 19 | 20 | 19 | 30 | 32 | 30 | ... | ... | ... | 10 | 10 | 9 |
| Mooltan ... | 17 | 17 | 15 | 28 | 27 | 23 | ... | ... | ... | 13 | 13 | 10 |
| Lahore ... | 19 | 20 | 19 | 26 | 30 | 30 | ... | ... | ... | 11 | 11 | 10 |
| Amritsar ... | 20 | 21 | 21 | 30 | 30 | 30 | ... | ... | ... | 11 | 11 | 10 |
| Peshâwar ... | 20 | 19 | 22 | 35 | 31 | 45 | ... | ... | ... | 11 | 12 | 12 |

| District. | Jowar. Present fortnight ending 15th July 1890. | Jowar. Past fortnight ending 30th June 1890. | Jowar. Corresponding fortnight of 1889. | Bajra. Present fortnight ending 15th July 1890. | Bajra. Past fortnight ending 30th June 1890. | Bajra. Corresponding fortnight of 1889. | Mandwa. Present fortnight ending 15th July 1890. | Mandwa. Past fortnight ending 30th June 1890. | Mandwa. Corresponding fortnight of 1889. |
|---|---|---|---|---|---|---|---|---|---|
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs | Srs. | Srs. | Srs. |
| Delhi ... | 19 | 18 | 22 | 18 | 18 | 18 | † | † | † |
| Ferozepore ... | 21 | 21 | 20 | 20 | 20 | 16 | † | † | † |
| Mooltan ... | 22 | 23 | 25 | 21 | 23 | 19 | † | † | † |
| Lahore ... | 20 | 20 | 25 | 19 | 19 | 18 | § | § | § |
| Amritsar ... | 22 | 20 | 25 | 16 | 18 | 15 | † | † | † |
| Peshâwar ... | 26 | 28 | 29 | 25 | 25 | 16 | † | † | † |

† Not produced.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th JULY 1890.**

| KANGNI. | | | GRAM. | | | MAIZE. | | | ARHAR. | | | GUR. | | | COTTON (UNGINNED). | | | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th July 1890. | Past fortnight ending 30th June 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 13 | 14 | 13 | 21 | 22 | 24 | 16 | 14 | 21 | 22 | 24 | 26 | 8 0 | 9 0 | 9 0 | 7 8 | 7 8 | 7 0 | |
| 20 | 21 | 16 | 26 | 27 | 27 | 21 | 22 | 18 | 12 | 12 | 11 | 8 0 | 8 0 | 12 0 | 8 0 | 7 0 | 7 8 | |
| 23 | 27 | 25 | 21 | 21 | 22 | 22 | 23 | 25 | † | † | † | 8 8 | 9 0 | 12 0 | 8 8 | 7 8 | 6 12 | |
| 27 | 27 | 21 | 23 | 25 | 28 | 21 | 21 | 25 | 13 | 13 | 13 | 7 8 | 7 8 | 12 8 | 8 3 | 8 3 | 7 6 | |
| 20 | 20 | 24 | 24 | 25 | 29 | 20 | 18 | 24 | † | † | † | 9 4 | 9 4 | 13 0 | 8 8 | 8 0 | 7 8 | |
| 23 | 23 | 21 | 21 | 20 | 22 | 32 | 31 | 30 | 29 | 30 | 22 | 7 13 | 7 13 | 9 12 | 9 0 | 9 0 | 7 1 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Pun*

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—R = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 13th April 1890.* | | | | | | | | |
| | | | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | | |
| Gujrat. | Phália ... | 21st March ... | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | | | *Week ending 6th July 1890.* | | | | | | | | |
| | | | Monday 30th. | Tuesday 1st. | Wednesday 2nd. | Thursday 3rd. | Friday 4th. | Saturday 5th. | Sunday 6th. | | |
| Simla. | Kilba *s* | 29th June ... | ... | 0·26 | R. | 0·02 | R. | 0·01 | 0·01 | 0·30 | |
| Ferozepore. | Nathána ... | 28th June ... | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 13th JULY 1890.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | | *Month of July* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | | Date of fall last reported. | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | Total. | Special Remarks. |
| Hissar. | Sirsa | s | 5th July ... | ... | ... | ... | ... | ... | ... | ... | ... | Locusts appeared during the week; deposited eggs in some villages; arrangement was made for their destruction. |
| | Fatahabad | ... | 6th Do. ... | ... | ... | 0·06 | ... | ... | ... | ... | 0·06 | |
| | Barwála | ... | Ditto ... | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Hissar | s | 5th July ... | ... | ... | ... | ... | ... | 0·52 | ... | 0·52 | |
| | Hánsi | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | ... | 28th June ... | ... | ... | ... | ... | ... | 1·02 | ... | 1·02 | |
| | Budhláda | ... | 1st July ... | 0·70 | ... | ... | ... | ... | ... | ... | 0·70 | |
| | Dhaneta *C* | ... | 6th Do. ... | 0·20 | 0·05 | 0·35 | 0·12 | 0·60 | ... | ... | 1·32 | |
| Rohtak. | Rohtak | s | 5th July ... | ... | ... | ... | ... | 1·90 | ... | ... | 1·90 | |
| | Gohána | ... | Ditto ... | ... | ... | ... | ... | 0·23 | 0·02 | ... | 0·25 | |
| | Sámpla | ... | Ditto ... | ... | ... | ... | ... | 1·31 | ... | ... | 1·31 | |
| | Jhajjar | ... | Ditto ... | ... | ... | ... | ... | 0·08 | 0·29 | ... | 0·37 | |
| Gurgaon. | Farukhnagar | ... | 29th June ... | ... | ... | ... | 0·48 | 0·30 | ... | ... | 0·78 | |
| | Játusána | ... | 3rd July ... | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Rewári | ... | 1st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | ... | Ditto ... | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Tauru | ... | 25th June ... | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Nuh | ... | 28th Do. ... | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Firozpur | ... | 2nd July ... | ... | ... | ... | ... | ... | 0·51 | 1·96 | 2·47 | |
| | Hodal | ... | 5th Do. ... | ... | ... | ... | 0·34 | ... | ... | ... | 0·34 | |
| | Hattín | ... | 28th June ... | ... | ... | ... | 0·75 | 0·66 | ... | ... | 1·41 | |
| | Palwal | ... | 25th Do. ... | ... | ... | ... | ... | ... | 1·00 | 0·30 | 1·30 | |
| | Sohna | ... | 4th July ... | ... | ... | ... | 2·60 | 0·40 | ... | ... | 3 00 | |
| | Gurgaon | s | Ditto ... | ... | ... | ... | 2·62 | 1·33 | ... | ... | 3·95 | |
| | Punahána | ... | 2nd July ... | ... | ... | ... | ... | 0·60 | ... | ... | 0·60 | |
| Delhi. | Ballabgarh | ... | 5th July ... | ... | ... | 0·25 | ... | 1·90 | 2·65 | ... | 4·80 | |
| | Mahrauli | ... | 4th Do. ... | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Sadr (Delhi) | s | Ditto ... | 0·01 | ... | 0·05 | 0·61 | ... | ... | ... | 0·67 | |
| | Sonepat | ... | 5th July ... | ... | ... | ... | ... | 1·00 | 0·08 | ... | 1·08 | |
| Karnal. | Pánipat | ... | 5th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | s | 6th Do. ... | ... | ... | 0·05 | ... | 1·49 | 0·04 | ... | 1·58 | |
| | Rajaund | ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | ... | 4th Do. ... | ... | ... | ... | 1·05 | ... | ... | ... | 1·05 | |
| | Gulah | ... | 6th Do. ... | 0·05 | 0·65 | ... | ... | 3·17 | 0·14 | ... | 4·01 | |
| Umballa. | Pipli | ... | 4th July ... | ... | 0·28 | 0·19 | 0·33 | 2·30 | ... | ... | 3·10 | Locusts passed from north-west to south-east, but did not do much harm. |
| | Jagádhri | ... | 6th Do. ... | ... | ... | ... | 0·22 | 1·10 | ... | ... | 1·32 | |
| | Umballa | s | Ditto ... | ... | ... | 0·05 | 0·07 | 2·01 | ... | ... | 2·13 | |
| | Naráingarh | ... | Ditto ... | ... | ... | ... | 0·84 | 0·56 | 0·28 | ... | 1·68 | |
| | Kharar | ... | 5th July ... | ... | 0·20 | 0·70 | 0·40 | ... | ... | ... | 1·30 | |
| | Rúpar | ... | 6th Do. ... | ... | ... | ... | 0·47 | 0·65 | ... | ... | 1·12 | |
| | Kotra *C* | ... | 28th June ... | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |
| | Jhodhpur *C* | ... | 5th July ... | ... | ... | ... | ... | 0·21 | ... | ... | 0·21 | |
| | Raniki *C* | ... | 4th Do. ... | ... | ... | 0·74 | ... | ... | ... | ... | 0·74 | |
| | Dádupur *C* | ... | Ditto ... | ... | ... | ... | 0·40 | ... | ... | ... | 0·40 | |
| Simla. | Kasauli | s | 6th July ... | ... | ... | ... | 1·40 | 0·36 | 2·57 | 1·30 | 5·63 | |
| | Barauli | ... | 3rd Do. ... | 0·53 | ... | ... | 1·00 | 0·20 | ... | 1·73 | 3·46 | |
| | Simla | s | 29th June ... | ... | ... | 0·02 | ... | 0·20 | 2·99 | 0·19 | 3·40 | |
| | Kot Khái | ... | 5th Do. ... | ... | ... | ... | 1·00 | 0·04 | 0·05 | 0·02 | 1·11 | |
| | Kotgarh | ... | Ditto ... | ... | ... | ... | 1·00 | 0·04 | 0 05 | 0·02 | 1·11 | |
| | Kilba | s | 6th July ... | 0·09 | ... | ... | 0·04 | 0·03 | 0·04 | 0·06 | 0·26 | |
| Kangra. | Plách | ... | 5th July ... | 0·30 | ... | ... | 0·24 | 0·05 | 0·12 | 0·06 | 0·77 | |
| | Kulu | s | 6th Do. ... | ... | ... | ... | ... | ... | 0·16 | 0·25 | 0·41 | |
| | Nagar | ... | Ditto ... | ... | ... | ... | ... | 0·85 | ... | 0·20 | 1·05 | |
| | Pálampur | ... | Ditto ... | 0·60 | 1·58 | 0·11 | 1·24 | 0·03 | 1·02 | 0·44 | 5·02 | |
| | Hamírpur | ... | Ditto ... | ... | ... | 0·51 | ... | R. | 0·46 | 1·86 | 2·83 | |
| | Dera | ... | Ditto ... | ... | ... | 0·11 | 0·07 | 0·05 | ... | 0·33 | 0·56 | |
| | Kángra | ... | Ditto ... | ... | ... | ... | 0·02 | ... | 0·06 | ... | 0·08 | |
| | Dharmsála | s | Ditto ... | 6·34 | ... | 0·95 | 1·50 | 0·62 | 0 70 | 1·03 | 11·14 | |
| | Núrpur | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | ... | 5th July ... | ... | 0·24 | 0·14 | ... | ... | ... | ... | 0·38 | |
| | Una | ... | Ditto ... | ... | 0·50 | 0·46 | 1·12 | ... | ... | 0·25 | 2·33 | |
| | Garhshankar | ... | 4th July ... | ... | ... | 0·27 | 0 50 | ... | ... | ... | 0·77 | |
| | Sadr Station | ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Hoshiárpur | ... | Ditto ... | ... | ... | 0·80 | 1·70 | ... | ... | 0·40 | 2·90 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of July 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 6th July ... | ... | ... | 0·25 | 0·50 | ... | ... | ... | 0·75 | |
| | Nakodar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto ... | 0·27 | ... | ... | ... | ... | ... | ... | 0·27 | |
| | Nawashahr ... | Ditto ... | ... | ... | 0·05 | 0·12 | 1·36 | ... | ... | 1·53 | |
| Ludhiána. | Samrála ... | 5th July ... | ... | 1·06 | ... | 1·30 | ... | ... | ... | 2·36 | |
| | Ludhiána *s* | Ditto ... | ... | ... | ... | 1·66 | ... | ... | 0·20 | 1·86 | |
| | Jagraon ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| Ferozepore. | Moga ... | 6th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | 1st Do. ... | ... | ... | ... | 0·42 | ... | ... | ... | 0·42 | |
| | Ferozepore ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 4th July ... | ... | ... | ... | 0·12 | ... | ... | ... | 0·12 | |
| | Fázilka ... | Ditto ... | ... | ... | ... | 0·35 | ... | ... | ... | 0·35 | |
| | Natháná ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | .. | Stat. not received. |
| | Gobindgarh *C* ... | 19th August ... | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| Mooltan. | Mailsi ... | 5th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | 24th March ... | ... | ... | ... | ... | ... | 0·02 | ... | 0·02 | |
| | Shujabad ... | 5th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | 2nd July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 4th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang *s* | 5th Do. ... | ... | ... | ... | ... | 1·47 | ... | ... | 1·47 | |
| | Chiniot ... | Ditto ... | ... | ... | ... | ... | 0·39 | ... | ... | 0·39 | |
| Montgomery. | Gugera ... | 5th July ... | ... | ... | ... | ... | 0·43 | ... | ... | 0·43 | |
| | Montgomery *s* | 4th Do. ... | ... | ... | ... | ... | .. | ... | ... | ... | |
| | Pákpattan ... | Ditto ... | .. | ... | ... | ... | 0·20 | ... | ... | 0·20 | |
| | Dipálpur ... | 5th July ... | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| Lahore. | Van *C* *b* | 5th July ... | ... | ... | ... | ... | 0·93 | ... | ... | 0·93 | |
| | Chunián ... | 4th Do. ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Kasúr ... | 6th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* ... | Ditto ... | ... | ... | ... | ... | 0·05 | ... | ... | 0·05 | |
| | Sharakpur ... | 4th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 6th Do. ... | 0·25 | ... | ... | ... | ... | ... | ... | 0·25 | |
| | Lahore *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* ... | 5th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 6th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 4th Do. ... | 0·25 | ... | ... | ... | ... | ... | 0·30 | 0·55 | |
| | Raya *C* ... | 6th Do. ... | ... | ... | ... | ... | 0·35 | ... | ... | 0·35 | |
| | Jandiála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | 5th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Amritsar *C* ... | 6th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* ... | 5th Do. ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Ajnála ... | Ditto ... | ... | 0·18 | 0·20 | ... | ... | ... | ... | 0·38 | |
| Gurdaspur. | Aliwál *C* ... | 6th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | 0·03 | 0·03 | |
| | Kaler *C* ... | 6th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* ... | Ditto ... | ... | ... | 0·40 | ... | ... | ... | 0·90 | 1·30 | |
| | Gurdáspur *s* | 5th July ... | ... | ... | 0·90 | ... | ... | ... | 0·35 | 1·25 | |
| | Bhímpur *C* ... | 6th Do. ... | ... | ... | ... | 0·25 | ... | ... | 0·45 | 0·70 | |
| | Patháukot ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | .. | |
| | Dalhousie *s* | 6th Do. ... | 0·64 | 0·81 | ... | 2·91 | ... | 0·06 | ... | 4·42 | |
| | Mádhopur *C* *b* | Ditto ... | ... | 0·75 | 0·05 | ... | ... | ... | 0·55 | 1·35 | |
| | Shakargarh ... | 5th July ... | ... | 0·09 | 1·75 | 0·40 | ... | 0·18 | ... | 2·42 | |
| Sialkot. | Zafarwál ... | 6th July ... | ... | ... | 0·17 | 0·47 | ... | ... | 3·35 | 3·99 | |
| | Pasrúr ... | Ditto ... | ... | ... | ... | 1·15 | ... | ... | 1·30 | 2·45 | |
| | Raya ... | 5th July ... | ... | ... | ... | 0·85 | ... | ... | 0·30 | 1·15 | |
| | Daska ... | 6th Do. ... | ... | ... | ... | 0·90 | ... | ... | ... | 0·90 | |
| | Siálkot *s* | Ditto ... | ... | ... | 0·57 | 0·43 | ... | ... | 0·33 | 1·33 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-gauge Stations. | Date of fall last reported. | Fall of Rain on each day of the Week. Month of July 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | | |
| Gujrat. | Sadr *s* | 6th July | ... | ... | 0·04 | ... | ... | ... | 0 93 | 0 97 | |
| | Gujrát ... | Ditto | ... | ... | 0·03 | ... | ... | ... | 0 94 | 0 97 | |
| | Khárián ... | Ditto | ... | 0·10 | ... | 0·04 | 0 05 | ... | 0 75 | 0·94 | |
| | Phália ... | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 4th July | ... | ... | ... | ... | ... | ... | 0·22 | 0·22 | |
| | Wazirabad ... | 5th Do. | ... | ... | ... | ... | ... | ... | 0·60 | 0·60 | |
| | Sadr Kacheri *s* | Ditto | 0·22 | ... | ... | ... | ... | ... | ... | 0·22 | |
| | Shekhupura ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 5th Do. | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| | Shahkot *C* ... | Ditto | ... | ... | ... | ... | 1·60 | ... | ... | 1·60 | |
| Shahpur. | Midh *s* | 5th July | ... | ... | ... | ... | 1·08 | ... | ... | 1·08 | |
| | Sahiwál ... | 4th Do. | ... | ... | ... | 1·24 | ... | ... | ... | 1·24 | |
| | Núrpur ... | 25th June | 0·50 | ... | ... | 1·00 | ... | ... | ... | 1·50 | |
| | Mitha Tiwána ... | 4th July | 0 09 | ... | ... | ... | 0·34 | ... | ... | 0·43 | |
| | Sakesar ... | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | Ditto | 0·04 | ... | ... | ... | ... | ... | ... | 0·04 | |
| | Khusháb ... | 25th June | ... | ... | ... | 0·16 | ... | ... | ... | 0·16 | |
| | Shahpur *s* | 4th July | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Bhera ... | Ditto | ... | ... | ... | 0·27 | ... | ... | ... | 0·27 | |
| | Miáni ... | 5th July | ... | ... | ... | ... | 1·26 | ... | ... | 1·26 | |
| Jhelum. | Pind Dádan Khan | 6th July | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| | Sadr Station *s* | Ditto | ... | 0·33 | ... | ... | ... | ... | 2·48 | 2·81 | |
| | Chakwál ... | 5th July | 0·23 | ... | ... | ... | 2·00 | ... | ... | 2·23 | |
| | Talagang ... | 4th Do. | ... | ... | ... | ... | 1·36 | ... | ... | 1·36 | |
| Rawalpindi. | Pindigheb ... | 4th July | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Fatahjang ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi *s* | Ditto | ... | ... | ... | 0·08 | ... | 0·22 | 0·18 | 0·48 | |
| | Gujar Khan ... | 5th July | ... | ... | 0·20 | 0·30 | ... | ... | ... | 0·50 | |
| | Kahuta ... | Ditto | ... | 0·99 | ... | 0 61 | 1·15 | ... | 0·42 | 3·17 | |
| | Murree *s* | Ditto | ... | 0·40 | 0·80 | 1·50 | ... | 0·40 | 0·30 | 3·40 | |
| Hazara. | Abbott-abad *s* | 6th July | ... | 1·19 | ... | 0·34 | 0·12 | 0·31 | 0·50 | 2·46 | |
| | Mansáhra ... | 5th Do. | ... | 0·47 | ... | ... | ... | ... | 0·32 | 0·79 | |
| | Haripur ... | 4th Do. | ... | 0 32 | ... | 0·20 | 0·90 | ... | ... | 1·42 | |
| Peshawar. | Sawábi ... | 4th July | ... | ... | ... | 0·26 | ... | ... | ... | 0·26 | |
| | Lahore (Utman Bolak) | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán *s* | 2nd Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar *s* | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát *s* | 1st July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu ... | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 1st May | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 1st July | 0·36 | ... | ... | 1·36 | ... | ... | ... | 1·72 | |
| Bannu. | Miánwáli ... | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 6th Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | 1st June | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | 4th July | 0·15 | ... | ... | ... | 0 46 | ... | ... | 0·61 | |
| Dera Ismail Khan. | Tánk ... | 26th June | ... | ... | ... | ... | 0·43 | ... | ... | 0·43 | |
| | Kuiáchi ... | 5th July | ... | ... | ... | ... | 0·05 | ... | ... | 0·05 | |
| | D. I. Khan *s* | 4th Do. | ... | ... | ... | 0 13 | ... | ... | ... | 0·13 | |
| | Bhakkar ... | 26th June | ... | ... | ... | ... | 0·14 | ... | ... | 0 14 | |
| | Leiah ... | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh ... | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 5th July | ... | ... | R. | ... | R. | ... | ... | ... | |
| | Jampur ... | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 4th July | ... | ... | ... | ... | 0·01 | ... | ... | 0·01 | |
| | Muzaffargarh *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 18th May 1890.*

Against Sadr and Gujrát Stations (Gujrát District) in columns 10 and 11 insert 0·08 instead of 0·80.

Against Khárián (Gujrát District) insert in columns 10 and 11, 0·03 instead of 0·30.

*For the week ending 25th May 1890.*

Against Pálampur (Kángra District) insert in column 4 0·04, and in column 11 *for* 0·02 *read* "0·06."

*For the week ending 1st June 1890.*

Against Hamírpur (Kángra District) insert in columns 7 and 11, 0·82 and 1·44 instead of 0·84 and 1·46 respectively.

*For the week ending 15th June 1890.*

Against Dafthu *C* (Lahore District) omit from columns 4 and 11, 0·19 and insert in columns 4, 5 and 11, 0·59, 1·35 and 1·94 respectively.

*For the week ending 22nd June 1890.*

Against Mahrauli (Delhi District) omit from columns 7, 10 and 11, 0·65, 0·27 and 0·92.

Against Ballabgarh (Delhi District) insert in columns 7, 10 and 11, 0·65, 0·27 and 0·92, respectively.

Against Phillour (Jullundur District) in column 11 *for* 1·23 *read* "2·23."

*For the week ending 29th June 1890.*

Against Dafthu *C* (Lahore District) insert in column 4, 0·24, and in column 11 *for* 4·63 *read* "4·87."

**WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 21st JUNE 1890.**

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Bowel complaints. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 1 | 5 | 5 | 4 | 1 | ... | ... | ... | 1 | ... | 4 | 1 | 1 | 2 | 18 | 18 |
| 2 | | Hansi ... | 12,656 | 6 | 3 | 9 | 10 | 5 | 5 | ... | ... | 3 | 1 | ... | 6 | ... | 1 | 1 | 37 | 41 |
| 3 | | Bhiwani ... | 33,762 | 14 | 7 | 21 | 23 | 11 | 12 | ... | ... | 11 | 3 | ... | 9 | 4 | 3 | 7 | 33 | 36 |
| 4 | | Sirsa ... | 12,292 | 2 | 6 | 8 | 4 | 2 | 2 | ... | ... | 1 | ... | ... | 3 | 1 | 1 | 2 | 34 | 17 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 7 | 2 | 9 | 11 | 5 | 6 | ... | 1 | 5 | 1 | ... | 4 | 2 | 1 | 3 | 30 | 37 |
| 6 | | Jhajjar ... | 11,650 | 5 | 1 | 6 | 4 | 4 | ... | ... | ... | 1 | 1 | ... | 2 | 3 | ... | 3 | 27 | 18 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 10 | 4 | 14 | 10 | 2 | 8 | ... | ... | 4 | 1 | ... | 5 | ... | 2 | 2 | 30 | 21 |
| 8 | | Palwal ... | 10,635 | 6 | 9 | 15 | 8 | 5 | 3 | 1 | ... | 7 | ... | ... | ... | ... | 1 | 1 | 74 | 39 |
| 9 | Delhi ... | Delhi ... | 117,363 | 39 | 39 | 78 | 89 | 52 | 37 | ... | 1 | 53 | 3 | 1 | 31 | 15 | 6 | 21 | 35 | 40 |
| 10 | | " Suburbs ... | 52,882 | 11 | 10 | 21 | 24 | 13 | 11 | ... | ... | 18 | ... | 2 | 4 | 3 | 1 | 4 | 21 | 24 |
| 11 | | Sonepat ... | 13,077 | 1 | 5 | 6 | 6 | 3 | 3 | ... | ... | 6 | ... | ... | ... | ... | ... | ... | 24 | 24 |
| 12 | Karnal ... | Karnal ... | 23,133 | 10 | 5 | 15 | 15 | 9 | 6 | ... | 2 | 5 | 2 | ... | 6 | 3 | 2 | 5 | 34 | 34 |
| 13 | | Kaithal ... | 14,754 | 1 | 5 | 6 | 7 | 5 | 2 | ... | 1 | 2 | 2 | ... | 2 | 1 | 1 | 2 | 21 | 25 |
| 14 | | Panipat ... | 26,572 | 10 | 6 | 16 | 14 | 8 | 6 | ... | ... | 4 | ... | ... | 10 | 5 | 1 | 6 | 31 | 27 |
| 15 | Umballa ... | Umballa ... | 26,777 | 15 | 4 | 19 | 28 | 13 | 15 | ... | 11 | 11 | 1 | ... | 5 | 1 | 2 | 3 | 37 | 55 |
| 16 | | Jagadhri ... | 12,300 | 4 | 1 | 5 | 9 | 2 | 7 | ... | 1 | 3 | ... | ... | 5 | ... | 3 | 3 | 21 | 38 |
| 17 | | Shahabad ... | 10,218 | ... | 3 | 3 | 7 | 4 | 3 | ... | ... | 6 | ... | ... | 1 | ... | ... | ... | 15 | 36 |
| 18 | | Sadhaura ... | 10,794 | 4 | 3 | 7 | 4 | 3 | 1 | ... | ... | 3 | ... | ... | 1 | 1 | ... | 1 | 34 | 19 |
| 19 | | Rupar ... | 10,326 | 6 | 3 | 9 | 6 | 6 | ... | ... | ... | 2 | 1 | ... | 3 | 2 | ... | 2 | 45 | 30 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 5 | 4 | 9 | 5 | 3 | 2 | ... | 1 | ... | ... | ... | 4 | 1 | 2 | 3 | 35 | 20 |
| 21 | | Tanda and Urmar ... | 10,295 | 8 | ... | 8 | 12 | 7 | 5 | ... | ... | 8 | ... | ... | 4 | 4 | ... | 4 | 41 | 61 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 16 | 11 | 27 | 20 | 7 | 13 | ... | ... | 7 | 1 | ... | 12 | 1 | 9 | 10 | 45 | 33 |
| 23 | | " Suburbs ... | 11,474 | 7 | 10 | 17 | 5 | 2 | 3 | ... | ... | 3 | 1 | ... | 1 | 1 | ... | 1 | 77 | 23 |
| 24 | | Rahon ... | 11,736 | 5 | 1 | 6 | 6 | 4 | 2 | ... | ... | 6 | ... | ... | ... | 1 | 1 | 2 | 27 | 27 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 13 | 14 | 27 | 29 | 15 | 14 | ... | ... | 22 | ... | 1 | 6 | 6 | 2 | 8 | 32 | 34 |
| 26 | | Jagraon ... | 16,873 | 11 | 4 | 15 | 12 | 6 | 6 | ... | ... | 7 | ... | 1 | 4 | 2 | ... | 2 | 46 | 37 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 5 | 7 | 12 | 10 | 6 | 4 | ... | ... | 7 | ... | ... | 3 | 2 | ... | 2 | 30 | 25 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 13 | 8 | 21 | 15 | 11 | 4 | ... | ... | 5 | 5 | 1 | 4 | 5 | 1 | 6 | 34 | 25 |
| 29 | | " Suburbs ... | 25,593 | 5 | 9 | 14 | 10 | 5 | 5 | ... | ... | 7 | ... | ... | 3 | 3 | 1 | 4 | 29 | 20 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 6 | 2 | 8 | 5 | 2 | 3 | ... | ... | 4 | ... | ... | 1 | 1 | ... | 1 | 33 | 21 |
| 31 | | Chiniot ... | 10,731 | 6 | 6 | 12 | 5 | 3 | 2 | ... | ... | 2 | ... | ... | 3 | 2 | 2 | 4 | 59 | 24 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 30 | 25 | 55 | 58 | 29 | 29 | ... | ... | 40 | ... | ... | 18 | 6 | 8 | 14 | 30 | 31 |
| 33 | | „ Suburbs ... | 41,670 | 7 | 5 | 12 | 17 | 10 | 7 | ... | ... | 7 | 3 | ... | 7 | 1 | 2 | 3 | 15 | 21 |
| 34 | | Kasur ... | 17,336 | 2 | 5 | 7 | 13 | 3 | 10 | ... | ... | 8 | ... | 1 | 4 | ... | 2 | 2 | 21 | 39 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 46 | 48 | 94 | 92 | 46 | 46 | ... | ... | 42 | 4 | 2 | 44 | 11 | 10 | 21 | 34 | 33 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 4 | 9 | 13 | 12 | 7 | 5 | ... | ... | 9 | ... | ... | 3 | ... | 1 | 1 | 28 | 26 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 5 | 12 | 17 | 21 | 11 | 10 | ... | 3 | 11 | 1 | ... | 6 | 1 | 4 | 5 | 26 | 32 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 7 | 15 | 9 | 4 | 5 | ... | ... | 6 | ... | ... | 3 | ... | ... | ... | 42 | 25 |
| 39 | | Jalalpur ... | 12,839 | 4 | 2 | 6 | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | ... | 1 | 1 | 24 | 12 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 7 | 7 | 14 | 14 | 7 | 7 | ... | 2 | 4 | ... | ... | 8 | 1 | ... | 1 | 32 | 32 |
| 41 | | Wazirabad ... | 16,462 | 2 | 4 | 6 | 10 | 5 | 5 | ... | ... | 6 | ... | ... | 4 | 1 | 2 | 3 | 19 | 32 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 5 | 7 | 12 | 7 | 3 | 4 | ... | ... | 4 | ... | ... | 3 | 1 | 1 | 2 | 41 | 24 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 2 | 4 | 6 | 3 | 3 | ... | ... | 3 | ... | ... | 3 | 1 | ... | 1 | 13 | 19 |
| 44 | | Pind Dadan Khan ... | 16,724 | 4 | 4 | 8 | 6 | 3 | 3 | ... | ... | 5 | 1 | ... | ... | ... | ... | ... | 25 | 19 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 4 | 5 | 9 | 23 | 14 | 9 | ... | 1 | 6 | ... | 1 | 15 | 2 | 1 | 3 | 17 | 43 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 16 | 13 | 29 | 23 | 14 | 9 | ... | 1 | 16 | 2 | ... | 4 | 1 | 2 | 3 | 26 | 20 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | 4 | 7 | 10 | 6 | 4 | ... | ... | 7 | ... | ... | 3 | 3 | ... | 3 | 27 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | Returns | not | recei | ved. | | | | | | | | | | | | | | |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 3 | 2 | 5 | 8 | 5 | 3 | ... | ... | 4 | 1 | ... | 3 | ... | 2 | 2 | 13 | 21 |
| Birth and death rate of London for the week ending 31st May 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 24·7 | 16·6 |
| | | Grand Total ... | 1,292,342 | 407 | 354 | 761 | 750 | 398 | 352 | 1 | 25 | 402 | 36 | 10 | 276 | 100 | 80 | 180 | 31 | 30 |
| | | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | ... ... ... | 12,305 | 1 | 2 | 3 | 10 | 7 | 3 | ... | 1 | 6 | ... | ... | 3 | ... | 2 | 2 | 13 | 42 |
| Dharmsala | ... | ... ... ... | 3,839 | ... | ... | ... | 5 | 3 | 2 | ... | ... | 2 | 2 | ... | 1 | ... | 1 | 1 | ... | 68 |
| Dalhousie | ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree | ... | ... ... ... | 2,489 | ... | ... | ... | 3 | 1 | 2 | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | ... | 63 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 12th July 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 21st June 1890.*

*General results.*—The return is incomplete, the registers for the districts of Bannu, Dera Ismail Khan and Muzaffargarh and the Rural Circles of Dera Ghâzi Khan District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 11,342 against 13,470 in the previous week and 9,140 in the corresponding week of the past year, giving respectively an annual death-rate of 34·0, 40·4 and 27·4 per 1,000 of population.

*Cholera.*—There were 169 deaths registered under the head of cholera against 175 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Hissar ... | Rural Circle ... | 21 | |
| Gurgaon ... | Palwal Town ... | 1 | |
| Do. ... | Rural Circles ... | 16 | |
| Delhi ... | Ballabgarh Town ... | 6 | |
| Do. ... | Faridabad Town ... | 1 | |
| Do. ... | Rural Circles ... | 112 | |
| Umballa ... | Rural Circle ... | 10 | |
| Gurdaspur ... | Pathankot Town ... | 2 | |
| | Total ... | 169 | |

*Small-pox.*—From small-pox 304 deaths were registered against 381 in the previous week and 184 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,094 deaths against 9,814 in the previous week and 6,330 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 209 deaths against 240 and 279.

*Chest disease.*—Five hundred and twenty-eight against 609 and 510.

*Snake-bite.*—Thirty against 20 and 26.

*Hydrophobia.*—*Nil* against 1 and 1.

*All other causes.*—Two thousand and eight against 2,230 in the previous week and 1,707 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand five hundred and fifty-four deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,372 were males and 1,182 females.

*Births and Deaths in Municipal Towns.*—In the 48 large Municipal towns 750 deaths were registered (398 males and 352 females), giving a death-rate of 30 per mille of population; 761 births were registered (407 males and 354 females), giving a birth-rate of 31 per mille of population.

LAHORE: } A. STEPHEN, SURGEON-MAJOR,

*The 12th July* 1890. } *Sanitary Commissioner, Punjab.*

## STATEMENT No. I.

### Irrigation Operations of the Rabi Crop of 1889-90 on Perennial Canals.

*Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Districts. | Area in acres. | Cultivated area in acres. | Area Irrigated. | | Comparison with last Crop. | | Rainfall in Rabi Months. | | | | | | | | | | | | | |
| | | | | | | | October. | | November. | | December. | | January. | | February. | | March. | | Total. | |
| | | | Rabi 1889-90. | Rabi 1888-89. | Increase. | Decrease. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1890. | 1889. | 1890. | 1889. | 1890. | 1889. | 1889-90. | 1888-89. |
| Peshâwar ... ... | 1,602,560 | 905,600 | 67,336 | 73,995 | ... | 6,659 | ... | ... | ... | 1·5 | ... | 0·2 | 0·75 | 2·8 | 0·20 | 3·7 | 2·15 | 0·6 | 3·10 | 8·8 |
| Total Swât River Canal ... | 1,602,560 | 905,600 | 67,336 | 73,995 | ... | 6,659 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Umballa ... ... | 1,644,849 | 951,890 | 879 | 166 | 713 | ... | ... | ... | ... | 1·6 | ... | ... | 0·05 | 3·3 | ... | 2·6 | 1·35 | ... | 1·40 | 7·5 |
| Karnâl ... ... | 1,533,990 | 680,319 | 59,418 | 20,493 | 38,925 | ... | ... | 0·7 | ... | 0·8 | ... | ... | 0·69 | 1·5 | ... | 1·8 | 0·75 | ... | 1·44 | 4·8 |
| Rohtak ... ... | 1,159,350 | 906,022 | 53,782 | 31,394 | 22,388 | ... | ... | 0·6 | ... | ... | ... | ... | 0·40 | 0·6 | ... | 2·0 | 0·25 | 0·2 | 0·65 | 3·4 |
| Delhi ... ... | 804,933 | 525,676 | 43,171 | 13,947 | 29,224 | ... | ... | 0·2 | ... | ... | ... | ... | 0·35 | 1·6 | ... | 1·8 | 0·47 | 0·4 | 0·82 | 4·0 |
| Hissar ... ... | 2,265,428 | 1,161,761 | 42,713 | 35,409 | 7,304 | ... | ... | 0·2 | ... | 0·7 | ... | ... | 0·23 | 0·2 | ... | 1·9 | 0 22 | 0·1 | 0·45 | 3·1 |
| Jínd State ... ... | ... | ... | 34,040 | *25,003 | 9,037 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bíkaner State ... ... | ... | ... | 249 | 797 | ... | 548 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalsia State ... ... | ... | ... | 477 | 122 | 355 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total W. J. Canal ... | 7,408,550 | 4,225,668 | 234,729 | 127,331 | 107,946 | 548 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gurdáspur ... ... | 1,168,314 | 856,230 | 9,455 | 7,603 | 1,852 | ... | ... | 0·1 | ... | 0·1 | ... | ... | ... | 4·6 | 0·4 | 6·2 | 0·8 | ... | 1·2 | 11·0 |
| Amritsar ... ... | 1,006,798 | 766,773 | 117,190 | 109,847 | 7,343 | ... | ... | 0·3 | ... | 0·2 | ... | 0·1 | 0·2 | 2·1 | 0·2 | 4·6 | 0·8 | 0·4 | 1·2 | 7·7 |
| Lahore ... ... | 2,334,552 | 1,164,921 | 188,290 | 177,738 | 10,552 | ... | ... | ... | ... | ... | ... | ... | 0·2 | 1·3 | 0·3 | 2·9 | 0·8 | 0·1 | 1·3 | 4·3 |
| Total Bári Doáb Canal ... | 4,509,664 | 2,787,924 | 314,935 | 295,188 | 19,747 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ludhiána ... ... | 882,167 | 729,009 | 46,420 | 25,911 | 20,509 | ... | ... | ... | ... | 0·4 | ... | ... | ... | 1·8 | 0·2 | 3·05 | 1·3 | ... | 1·5 | 5·25 |
| Ferozepore ... ... | 1,761,280 | 1,344,000 | 225,220 | 203,868 | 21,352 | ... | ... | ... | ... | 0·2 | ... | ... | ... | 1·6 | 0·2 | 1·6 | ... | 0·7 | 0·2 | 4·1 |
| Hissar ... ... | Shown | above. | 2,623 | 4,429 | ... | 1,806 | ... | ... | ... | ... | ... | Given above. | | | ... | ... | ... | ... | ... | ... |
| Farídkot State ... ... | ... | ... | 50,732 | 54,155 | ... | 3,423 | ... | ... | ... | ... | ... | ... | ... | 1·4 | ... | 2·0 | ... | ... | ... | 3·4 |
| Nábha Do. ... ... | ... | ... | 17,618 | 13,911 | 3,707 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Patiála State ... ... | ... | ... | 43,434 | 34,207 | 9,227 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jínd State ... ... | ... | ... | 754 | 595 | 159 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kalsia Do. ... ... | ... | ... | 2,151 | 1,534 | 617 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total Sirhind Canal, British Branches. | 2,643,447 | 2,073,009 | 388,952 | 338,610 | 55,571 | 5,229 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gujránwála ... ... | 1,637,425 | 529,270 | 11,931 | 20,727 | ... | 8,796 | ... | ... | ... | ... | ... | ... | ... | 3·0 | 0·28 | 1·5 | 1·16 | 0·7 | 1·44 | 5·2 |
| Total Chenab Canal ... | 1,637,425 | 529,270 | 11,931 | 20,727 | ... | 8,796 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| GRAND TOTAL ... | 17,801,646 | 10,521,471 | 1,017,883 | 855,851 | 183,264 | 21,232 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

* This is the correct acreage and differs from that given in the statement for Rabi Crop of 1888-89.

Area irrigated in Rabi 1889-90 ... 1,017,883 acres.

Ditto do. 1888-89 ... 855,851 „

Net increase ... 162,032

LAHORE :
*The 3rd July 1890.*

F. J. HOME, LIEUT.-COL., R. E.,
*Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

# STATEMENT No. II.

## Irrigation Operations of the Rabi Crop of 1889-90 on Perennial Canals.

*Statement in Acres of Crops irrigated in Canal Districts.*

| Description of Crops. | Umballa. | Karnál. | Rohtak. | Delhi. | Hissar. | Jínd State. | Bikaner State. | Kálsia State. | Gardáspur. | Amritsar. | Lahore. | Ludhiána. | Ferozepore. | Farídkot State. | Nábha State. | Patiála State. | Gujránwála. | Peshá-war. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wheat ... | 681 | 47,211 | 43,622 | 37,107 | 29,296 | 26,574 | 90 | 1,519 | 6,708 | 81,256 | 139,422 | 27,953 | 115,192 | 23,539 | 7,574 | 17,071 | 8,454 | 42,530 | 655,799 |
| Barley ... | 1 | 871 | 178 | 91 | 1,671 | 510 | 6 | 9 | 305 | 2,632 | 2,305 | 265 | 8,044 | 2,549 | 296 | 1,212 | 2,805 | 14,183 | 37,933 |
| Mixed grain... | 17 | 2,758 | 5,035 | 3,101 | 141 | 89 | 61 | 106 | 298 | 583 | 3,250 | 7,353 | 3,853 | 174 | 1,420 | 3,468 | 197 | 9,985 | 41,889 |
| Others ... | 180 | 8,578 | 4,947 | 2,872 | 14,228 | 7,621 | 92 | 994 | 2,144 | 32,719 | 43,313 | 10,849 | 98,131 | 24,470 | 8,328 | 21,683 | 475 | 638 | 282,262 |
| Total Rabi, 1889-90. | 879 | 59,418 | 53,782 | 43,171 | 45,336 | 34,794 | 249 | 2,628 | 9,455 | 117,190 | 188,290 | 46,420 | 225,220 | 50,732 | 17,618 | 43,434 | 11,931 | 67,336 | 1,017,883 |
| Total Rabi, 1888-89. | 166 | 20,493 | 31,394 | 13,947 | 39,838 | 25,598 | 797 | 1,656 | 7,603 | 109,847 | 177,738 | 25,911 | 203,868 | 54,155 | 13,911 | 34,207 | 20,727 | 73,995 | 855,851 |

Lahore :
*The 3rd July* 1890.

F. J. HOME, Lieut.-Colonel, R. E.,
*Joint-Secy. to Govt., Punjab,*
*P. W. D., Irrigation Branch.*

## STATEMENT No. III.

### IRRIGATION OPERATIONS OF THE RABI CROP OF 1889-90 ON PERENNIAL CANALS.

*Statement in Acres of Crops irrigated in Canal Divisions.*

| Description of Crops. | Swát River Canal Division. | Western Jumna Canal. | | | | Bari Doab Canal. | | | Sirhind Canal. | | | Chenab Canal Division. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Karnál Division. | Delhi Division. | Jínd State. | Total. | 1st Division. | 2nd Division. | Total. | Ludhiána Division. | Ferozepore Division. | Total. | | |
| Wheat ... ... | 42,530 | 62,916 | 94,777 | 26,274 | 183,967 | 55,897 | 171,489 | 227,386 | 66,137 | 127,325 | 193,462 | 8,454 | 655,799 |
| Barley ... ... | 14,183 | 2,297 | 125 | 499 | 2,921 | 693 | 4,549 | 5,242 | 1,180 | 11,602 | 12,782 | 2,805 | 37,933 |
| Mixed grain ... ... | 9,985 | 1,050 | 10,067 | ... | 11,117 | 487 | 3,644 | 4,131 | 16,459 | ... | 16,459 | 197 | 41,889 |
| Others ... ... | 638 | 22,675 | 6,782 | 7,267 | 36,724 | 17,111 | 61,065 | 78,176 | 53,815 | 112,434 | 166,249 | 475 | 282,262 |
| TOTAL RABI, 1889-90 ... | 67,336 | 88,938 | 111,751 | 34,040 | 234,729 | 74,188 | 240,747 | 314,935 | 137,591 | 251,361 | 388,952 | 11,931 | 1,017,883 |
| TOTAL RABI, 1888-89 ... | 73,995 | 57,763 | 44,565 | * 25,003 | 127,331 | 69,783 | 225,405 | 295,188 | 90,274 | 248,336 | 338,610 | 20,727 | 855,851 |

* This is the correct acreage and differs from that given in the Statement for Rabi crop of 1888-89.

NOTE.—The Chenab Canal has been entered as a Perennial Canal, as the Revised Project, including permanent head works, was sanctioned during the year.

LAHORE:
The 3rd July 1890.

F. J. HOME, LIEUT.-COL., R. E.,
*Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

# IRRIGATION OPERATIONS, 1889-90.

*Comparative Statement of Irrigation and Rainfall for the years* 1888-89 *and* 1889-90 *in the Districts of the Punjab irrigated by Perennial Canals.*

| Districts. | Population. | Area in acres. | Cultivated area in acres. | Area Irrigated. Kharif, 1889. Total area in acres. | Kharif, 1889. In comparison with 1888. Increase. | Kharif, 1889. In comparison with 1888. Decrease. | Rabi, 1889-90. Total area in acres. | Rabi, 1889-90. In comparison with 1888-89. Increase. | Rabi, 1889-90. In comparison with 1888-89. Decrease. | Whole year 1889-90. Total area in acres. | Whole year 1889-90. In comparison with 1888-89. Increase. | Whole year 1889-90. In comparison with 1888-89. Decrease. | Percentage of increase or decrease in 1889-90. | Rainfall. 1888-89. | Rainfall. 1889-90. | Rainfall. Percentage of increase or decrease in 1889-90. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Swat River Canal.* | | | | | | | | | | | | | | | | |
| Peshāwar ... ... | 592,674 | 1,602,560 | 905,600 | 23,859 | ... | 10,056 | 67,336 | ... | 6,659 | 91,195 | ... | 16,715 | — 15·5 | 13·1 | 15·8 | + 20·6 |
| *Western Jumna Canal.* | | | | | | | | | | | | | | | | |
| Umballa ... ... ... | 1,067,263 | 1,644,849 | 951,890 | 1,448 | ... | 651 | 879 | 713 | ... | 2,327 | 62 | ... | + 2·74 | 35·20 | 20·90 | — 40·6 |
| Karnál ... ... ... ... | 622,621 | 1,533,990 | 680,319 | 32,569 | ... | 1,727 | 59,418 | 38,925 | ... | 91,987 | 37,198 | ... | + 67·89 | 32·25 | 23·74 | — 26·4 |
| Rohtak ... ... ... ... | 553,609 | 1,159,350 | 906,022 | 38,042 | 6,492 | ... | 53,782 | 22,388 | ... | 91,824 | 28,879 | ... | + 45·88 | 20·40 | 9·85 | — 51·7 |
| Delhi ... ... ... ... | 643,515 | 804,933 | 525,676 | 30,891 | 3,126 | ... | 43,171 | 29,224 | ... | 74,062 | 32,351 | ... | + 77·56 | 32·50 | 24·52 | — 24·6 |
| Hissar ... ... ... ... | 504,183 | 2,265,428 | 1,161,761 | 48,283 | 7,010 | ... | 42,713 | 7,304 | ... | 90,996 | 14,314 | ... | + 18·67 | 11·44 | 14·95 | + 30·7 |
| Jínd State ... ... ... | ... | ... | ... | 32,614 | (a) 2,828 | ... | 34,040 | (a) 9,037 | ... | 66,654 | (a) 11,865 | ... | + 21·66 | ... | ... | ... |
| Bíkaner State ... ... ... | ... | ... | ... | 412 | 101 | ... | 249 | ... | 548 | 661 | ... | 447 | — 40·34 | ... | ... | ... |
| Kalsia State ... ... ... | ... | ... | ... | 980 | ... | 199 | 477 | 355 | ... | 1,457 | 156 | ... | + 11·99 | ... | ... | ... |
| Total Western Jumna Canal ... | 3,391,191 | 7,408,550 | 4,225,668 | 185,239 | 19,557 | 2,577 | 234,729 | 107,946 | 548 | 419,968 | 124,825 | 447 | + 42·07 | ... | ... | ... |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Bári Doáb Canal.* | | | | | | | | | | | | | | | | |
| Gurdáspur ... ... | 823,695 | 1,168,314 | 856,230 | 29,421 | ... | 829 | 9,455 | 1,852 | ... | 31,876 | 1,023 | ... | + 3·32 | 33·1 | 25·4 | — 23·26 |
| Amritsar ... ... | 893,266 | 1,006,798 | 766,773 | 78,098 | ... | 2,890 | 117,190 | 7,343 | ... | 195,288 | 4,453 | ... | + 2·33 | 26·8 | 20·4 | — 23·88 |
| Lahore ... ... | 924,106 | 2,334,552 | 1,164,921 | 107,955 | ... | 11,845 | 188,290 | 10,552 | ... | 296,245 | ... | 1,293 | — 0·43 | 19·2 | 11·9 | — 38·02 |
| Total Bári Doáb Canal ... | 2,641,067 | 4,509,664 | 2,787,924 | 208,474 | ... | 15,564 | 314,935 | 19,747 | ... | 523,409 | 5,476 | 1,293 | + 0·80 | ... | ... | ... |
| *Sirhind Canal (British Branches).* | | | | | | | | | | | | | | | | |
| Ludhiána ... ... | 618,835 | 882,167 | 729,009 | 11,564 | 545 | ... | 46,420 | 20,509 | ... | 57,984 | 21,054 | ... | + 57·01 | 25·75 | 20·95 | — 18·6 |
| Ferozepore ... ... | 650,519 | 1,761,280 | 1,344,000 | 59,396 | ... | 29,674 | 225,220 | 21,352 | ... | 284,616 | ... | 8,322 | — 2·8 | 24·5 | 14·8 | — 39·7 |
| Hissar ... ... ... | | Given | above | 1,052 | 596 | ... | 2,623 | ... | 1,806 | 3,675 | ... | 1,210 | — 24·8 | ... | ... | ... |
| Farídkot State ... ... | ... | ... | ... | 11,997 | ... | 7,390 | 50,732 | ... | 3,423 | 62,729 | ... | 10,813 | — 14·7 | 13·4 | 12·9 | — 3·7 |
| Nábha State ... ... ... | ... | ... | ... | 4,755 | ... | 814 | 17,618 | 3,707 | ... | 22,373 | 2,893 | ... | + 14·9 | ... | ... | ... |
| Patiála State ... ... | ... | ... | ... | 10,329 | ... | 1,290 | 43,434 | 9,227 | ... | 53,763 | 7,937 | ... | + 17·3 | ... | ... | ... |
| Jínd State ... ... ... | ... | ... | ... | 174 | 91 | ... | 754 | 159 | ... | 928 | 250 | ... | + 36·0 | ... | ... | ... |
| Kalsia State... ... ... | ... | ... | ... | 762 | ... | 75 | 2,151 | 617 | ... | 2,913 | 542 | ... | + 22·9 | ... | ... | ... |
| Total Sirhind Canal ... | 1,269,354 | 2,643,447 | 2,073,009 | 100,029 | 1,232 | 39,243 | 388.952 | 55,571 | 5,229 | 488,981 | 32,676 | 20,345 | 2·59 | ... | ... | ... |
| Chenab Canal, Gujránwála ... | 616,892 | 1,637,425 | 529,270 | 27,377 | 460 | ... | 11,931 | ... | 8,796 | 39,308 | ... | 8,336 | —17·5 | 27·20 | 18·18 | — 33·16 |
| Total Perennial Canals ... | 8,511,178 | 17,801,646 | 10,521,471 | 544,978 | 21,249 | 67,440 | 1,017,883 | 183,264 | 21,232 | 1,562,861 | 162,977 | 47,136 | + 8·0 | ... | ... | ... |

(*a*) The corrected acreage for 1888-89 has been used in making comparisons.

| | | Acres. |
|---|---|---|
| Area irrigated in 1888-89 | ... ... | 1,447,020 |
| Area irrigated in 1889-90 | ... ... | 1,562,861 |
| Net increase | ... | 115,841 |

F. J. HOME, Lieut.-Colonel, R.E.,
*Joint-Secy. to Govt., Punjab, P. W. D.,*
*Irrigation Branch.*

Lahore:
The *5th July* 1890.

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during June 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| PERENNIAL CANALS. | | | | |
| Swat River Canal ... ... ... ... ... | 6·50 | 5·02 | 720 | 553 |
| Total Swat River Canal ... ... | ... | ... | 720 | 553 |
| Corresponding period of last year ... | ... | ... | 720 | 478 |
| Western Jumna Canal. | | | | |
| At Dádúpur ... ... ... ... ... ... | 4·33 | 4·60 | 2,546 | 2,759 |
| Main Line Rájbahas ... ... ... ... ... | ... | ... | ... | 178 |
| Hánsi Branch ... ... ... ... ... ... | 7·00 | ... | ... | 1,015 |
| Delhi Branch ... ... ... ... ... ... | 7·00 | 5·98 | 1,018 | 905 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | 661 |
| Loss by absorption ... ... ... ... ... | ... | ... | ... | |
| Total Western Jumna Canal ... ... | ... | ... | 2,546 | 2,759 |
| Corresponding period of last year ... | ... | ... | 2,546 | 2,840 |
| Bari Doab Canal. | | | | |
| 1st Division ... ... ... ... ... ... | 4·90 | 5·19 | 3,074 | 1,754 |
| 2nd " Main Branch Lower ... ... ... ... | 4·60 | 2·86 | | 245 |
| 3rd " " " " ... ... ... ... | | | | 1,038 |
| 2nd " Lahore Branch ... ... ... ... | 3·35 | 2·84 | | 626 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | 81 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 3,744 |
| Corresponding period of last year ... | ... | ... | 3,074 | 3,925 |
| Sirhind Canal. | | | | |
| Main Line ... ... ... ... ... ... | 7·60 | 6·92 | 4,500 | 3,979 |
| Abohar Branch ... ... ... ... ... | 5·26 | 3·25 | 1,530 | 1,014 |
| Bhatinda Branch ... ... ... ... ... | 6·08 | 5·60 | 1,350 | 1,253 |
| Feeders ... ... ... ... ... ... | 6·73 | 6·80 | 1,620 | 1,712 |
| Total Sirhind Canal ... ... | ... | ... | 4,500 | 3,979 |
| Corresponding period of last year ... | ... | ... | 4,500 | 4,090 |
| Chenab Canal... ... ... ... ... ... | 7·00 | 3·20 | 1,800 | 426·5 |
| Total Chenab Canal ... ... | ... | ... | 1,800 | 426·5 |
| Corresponding period of last year ... | ... | ... | 1,800 | 292 |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohag Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890 *up to 30th June* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| | | | | | Sugarcane ... | 790 | This area represents that finally measured; the total area is more than this. The prospects are good, though the demand is not equal to the supply. |
| | | | | | Rice ... | 2,858 | |
| | | | | | Cotton ... | 2,626 | |
| Peshâwar ... | 8,203 | 9 | 0·41 | ... | Others ... | 132 | |
| | | | | | Miscellaneous | 1,797 | |
| ... | 8,203 | ... | ... | ... | ... | 8,203 | |
| ... | 5,293 | ... | ... | ... | ... | 5,293 | |
| Umballa ... | 631 | 20 | 3·88 | 2·70 | Sugarcane ... | 50,207 | Supply not fully adequate to the intense demand until the 22nd There is an increase of 22,857 acres in the area under sugarcane and of 2,300 acres in the rice area as compared with the corresponding period of 1889. Under indigo there is a decrease of 16,773 acres. |
| Kalsia ... | 528 | ... | ... | ... | Rice ... | 6,183 | |
| Karnál ... | 22,607 | 20 | 4·99 | 6·00 | Cotton ... | 40,320 | |
| Rohtak ... | 38,038 | | 2·64 | 2·00 | Indigo ... | 8,594 | |
| Delhi ... | 30,807 | | 3·48 | (Not received). | Others ... | 12,378 | |
| Hissar ... | 25,022 | | 1·75 | 2·13 | | | |
| Bikaner ... | 49 | ... | ... | ... | | | |
| ... | 117,682 | ... | ... | ... | ... | 117,682 | |
| ... | 104,695 | ... | ... | ... | ... | 104,695 | |
| Gurdáspur ... | 19,954 | 11 | 2·52 | 3·87 | Sugarcane ... | 12,844 | Compared with the corresponding period of last year there is a decrease of 3,639 acres under sugarcane, but an increase of 247 acres under rice and 10,705 acres under cotton. The canal was closed one day for repairs of a breach. Supply throughout the month was ample. Demand slackening, as rainfall is above average. |
| Amritsar ... | 46,371 | 8 | 2·29 | 2·95 | Rice ... | 9,493 | |
| Lahore ... | 73,461 | 8 | 1·18 | 2·10 | Cotton ... | 32,278 | |
| | | | | | Others ... | 85,171 | |
| ... | 139,786 | ... | ... | ... | ... | 139,786 | |
| ... | 130,523 | ... | ... | ... | ... | 130,523 | |
| Ludhiána ... | 3,666 | 8 | 1·64 | 2·15 | Sugarcane ... | 1,042 | Abohar Branch closed for repairs until the 13th. Supply ample throughout month, even for a brisker demand. The area, though in excess of that reported in June 1889, is 3,972 acres less than in June 1888, the demand for early kharif crops still remaining very moderate on this canal. |
| Ferozepore ... | 21,166 | | 1·53 | 2·63 | Rice ... | 3 | |
| Hissar ... | 229 | | 1·62 | 2·13 | Cotton ... | 11,966 | |
| Farídkot ... | 4,100 | ... | ... | ... | Indigo ... | 37 | |
| Patiála ... | 4,021 | ... | ... | ... | Others ... | 21,782 | |
| Nábha ... | 1,363 | ... | ... | ... | | | |
| Jínd ... | 154 | ... | ... | ... | | | |
| Kalsia ... | 131 | ... | ... | ... | | | |
| ... | 34,830 | ... | ... | ... | ... | 34,830 | |
| ... | 23,882 | ... | ... | ... | ... | 23,882 | |
| | | | | | Sugarcane ... | 1,395 | Considerable improvement over any previous harvest, but the supply is far in excess of demand. Settlers have not yet come in and village waste lands are but slowly being broken up. |
| | | | | | Rice ... | 4,664 | |
| Gujránwála ... | 22,883 | 5 | 1·80 | 2·84 | Cotton ... | 6,173 | |
| | | | | | Others ... | 784 | |
| | | | | | Miscellaneous | 9,867 | |
| ... | 22,883 | ... | ... | ... | ... | 22,883 | |
| ... | 12,029 | ... | ... | ... | ... | 12,029 | |
| ... | 323,384 | ... | ... | ... | ... | 323,384 | |
| ... | 276,422 | ... | ... | ... | ... | 276,422 | |
| Montgomery ... | 8,409 | ... | ... | ... | ... | 8,409 | Falling-off of 2,622 acres, due to low state of the river and inadequate supply. |
| ... | 11,031 | ... | ... | ... | ... | 11,031 | |

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during June 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **INUNDATION CANALS—CONCLUDED.** | | | | |
| SIDHNAI CANAL ... ... ... ... ... | 6·0 | 2·4 | 1,072 | 339 |
| Corresponding period of last year ... | ... | ... | ... | ... |
| UPPER SUTLEJ CANALS ... ... ... ... ... | ... | ... | ... | ... |
| LOWER SUTLEJ AND CHENAB CANALS ... ... .. | ... | ... | ... | ... |
| INDUS CANALS ... ... ... ... ... ... | ... | ... | ... | ... |
| MUZAFFARGARH CANALS ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | |
| PERENNIAL CANALS. | | | | |
| Swat River Canal ... ... ... ... ... | ... | ... | ... | ... |
| Western Jumna Canal ... ... ... ... ... | ... | ... | ... | ... |
| Bári Doáb Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sirhind Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Chenab Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... ... ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| GRAND TOTAL PERENNIAL & INUNDATION CANALS ... | ... | ... | ... | ... |
| CORRESPONDING PERIOD OF LAST YEAR ... | ... | ... | ... | ... |

LAHORE:
*The 19th July 1890.*

*of* 1890 *up to* 30*th June* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Mooltan ... | 7,087 | ... | ... | ... | Sugarcane ...<br>Rice ...<br>Cotton ...<br>Indigo ...<br>Miscellaneous | 34<br>197<br>1,498<br>84<br>5,274<br>7,087 | Water reached Sidhnai on the evening of the 17th, and canal began to flow with 1·6'. Supply varied for some time, but is now steady and sufficient for requirements. Some late cotton was sown, but the bulk of the crop will be 'jowár' and 'til.' The cultivators who had left the canal are returning. |
| ... | 25,868 | ... | ... | ... | ... | 25,868 | |
| { Lahore ...<br>{ Montgomery...<br>Mooltan ...<br>Dera Gházi Khan<br>Muzaffargarh ... | 5,402<br>16,186<br>119,196<br>63 598<br>93,384 | 8<br>...<br>26<br>10<br>5 | 1·05<br>...<br>0·41<br>0·50<br>0·06 | 2·80<br>...<br>0·26<br>...<br>... | ...<br>...<br>...<br>...<br>... | 5,402<br>16,186<br>119,196<br>63,598<br>93,384 | These canals began to run late in the season, the river being low. |
| ... | 313,262 | ... | ... | ... | ... | 313,262 | |
| ... | 405,254 | ... | ... | ... | ... | 405,254 | |
| ...<br>...<br>...<br>...<br>... | 8,203<br>117,682<br>139,786<br>34,830<br>22 883 | ...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>... | 8,203<br>117,682<br>139,786<br>34,830<br>22,883 | |
| ... | 323,384 | ... | ... | ... | ... | 323,384 | |
| ...<br>...<br>...<br>...<br>...<br>... | 8,409<br>7,087<br>21,588<br>119,196<br>63,598<br>93,384 | ...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>... | 8,409<br>7,087<br>21,588<br>119,196<br>63,598<br>93,384 | |
| ... | 313,262 | ... | ... | ... | ... | 313,262 | |
| ... | 636,646 | ... | ... | ... | ... | 636,646 | |
| ... | 681,676 | ... | ... | ... | ... | 681,676 | |

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*Offg. Assistant Secretary to Government, Punjab, P. W. D*

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SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 31, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 29th JULY 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | Good rainfall. | Fodder ample. | Stationary. | Sowings in progress. | ... |
| 2 | Delhi ... | 3·81 at Sadr.<br>9·03 in Ballabgarh.<br>4·18 in Sonepat. | ... | Fluctuating. | Cultivation progressing. | ... |
| 3 | Umballa ... | 6·57 | ... | Stationary. | Crops flourishing. | ... |
| 4 | Jullundur ... | 1·07 | Fodder insufficient. | Do. | Sowings in progress. Condition of sugarcane and cotton crops good. | ... |
| 5 | Ferozepore ... | 2·39 at Sadr.<br>2·81 in Moga.<br>1·13 in Zira.<br>2·73 in City.<br>2·41 in Muktsar<br>0·87 in Fázilka.<br>3·12 in Nathána | Fodder sufficient. | Do. | Sowings in progress. | ... |
| 6 | Amritsar ... | 0·75 average. | Do. | Do. | Crops in good condition; jowár, chari, jhona, &c., under cultivation. No complaints against canal working. | ... |
| 7 | Siálkot ... | Some rainfall throughout. | Fodder ample. | Do. | Crops promising, but a caterpillar is doing some harm to maize and cotton in Pasrúr. | Ploughings in progress. |
| 8 | Lahore ... | 2·31 at Sadr.<br>0·70 in Chunián.<br>6·00 in Kasúr.<br>2·65 in Sharakpur. | Fodder sufficient. | Do. | Sowings on unirrigated lands in progress. Irrigated crops promising. | ... |
| 9 | Mooltan ... | ... | Fodder scarce in Rawa and on Sidhnai Canal. | Do. | Sowings nearly finished. Canals flowing well. | ... |
| 10 | Ráwalpindi ... | 10·06 at Ráwalpindi.<br>2·30 in Attock.<br>6·88 in Kahúta.<br>3·40 in Murree. | Fodder sufficient. | Falling. | Sowings in progress. | ... |
| 11 | Shahpur ... | Rainfall throughout the district. | Fodder scarce in Thal and Bár. | Stationary. | More rain still needed. Condition of crops on nahri lands fair. | ... |
| 12 | D. I. Khan ... | 0·43 | Fodder-supply average. | Do. | Cotton crops good. Kharif growing commenced. | ... |
| 13 | Peshávar ... | ... | Fodder sufficient. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Rain has fallen in all districts except Mooltan and Peshávar. Prices unsettled in Delhi, falling in Ráwalpindi, stationary elsewhere. Sowings of kharif crops in progress. Ploughings for rabi going on in Siálkot. More rain wanted in Shahpur. Crops flourishing. Caterpillars are doing some harm to maize and cotton crops in Pasrúr, in Siálkot District. Fodder sufficient, except in Jullundur and parts of Mooltan and Shahpur,

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING JUNE 1890.

## TABLE A.

| Stations. | | Pressure. | | Wind. | | Temperature in shade. | | | | | | Humidity. | Vapour tension. | Amount of cloud: 10 = overcast. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, June 1890. | Normal direction and force, June. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | | | |
| Delhi | ... | 29·467 | — ·035 | N. 72° E. 2 | N. 60° W. 5 | 87·5 | 103·2 | — 1·4 | 81·6 | — 1·9 | — 1·7 | 56 | ·700 | 5 |
| Sirsa | ... | 29·459 | — ·032 | S. 6° W. 6 | S. 88° W. 5 | 89·4 | 105·0 | — 1·2 | 82·9 | ... | — 0·6 | 57 | ·764 | 6 |
| Ludhiána | ... | 29·461 | — ·032 | S. 39° E. 3 | N. 74° W. 2 | 87·4 | 103·2 | — 3·0 | 80·9 | + 0·9 | — 1·1 | 59 | ·736 | 5 |
| Lahore | ... | 29·449 | — ·031 | S. 55° E. 4 | N. 19° W. 4 | 89·0 | 103·3 | — 2·8 | 81·6 | + 0·9 | — 1·0 | 54 | ·719 | 4 |
| Montgomery | ... | 29·425 | ? | S. 4° E. 11 | ? ? | 90·5 | 109·3 | ? | 85·8 | ? | ? | 45 | ·669 | 2 |
| Siálkot | ... | 29·451 | — ·026 | N. 82° E. 4 | N. 77° E. 2 | 89·4 | 104·2 | — 1·5 | 80·5 | + 0·4 | — 0·6 | 62 | ·841 | 2 |
| Ráwalpindi | ... | 29·432 | — ·027 | N. 29° E. 4 | S. 15° E. 3 | 87·4 | 103·2 | ... | 76·2 | + 1·5 | + 0·8 | 48 | ·605 | 3 |
| Peshâwar | ... | 29·429 | — ·016 | N. 9° W. 5 | N. 50° E. 4 | 90·9 | 106·7 | + 1·1 | 79·4 | + 3·0 | + 2·1 | 40 | ·553 | 1 |
| Dera Ismail Khan | ... | 29·423 | — ·044 | N. 61° E. 2 | S. 79° E. 2 | 90·3 | 107·7 | + 0·1 | 83·6 | + 3·1 | + 1·6 | 49 | ·669 | 1 |
| Mooltan | ... | 29·424 | — ·036 | S. 22° W. 3 | S. 25° W. 4 | 92·7 | 109·7 | + 3·6 | 85·2 | + 3·4 | + 3·5 | 54 | ·805 | ... |
| Simla | ... | 22·940 | — 0·17 | S. 34° W. ... | S. 76° W. 2 | 65·0 | 76·2 | — 2·1 | 61·3 | + 0·8 | — 0·7 | 69 | ·416 | 4 |
| Murree | ... | 23·731 | + ·009 | S. 24° E. 7 | S. 2° W. 7 | 71·7 | 84·9 | + 2·7 | 63·5 | — 1·3 | + 0·7 | 54 | ·409 | 4 |

The records of the meteorological instruments during the month of June exhibit considerable variations from the normal. Pressure was below the average at all stations except Murree, where there was a trifling excess. The mean temperature was high in the extreme west and north-west of the Province and low elsewhere, and the winds departed considerably from their normal directions. At most stations they were more south-easterly than usual, but at Peshâwar and Ráwalpindi they exhibited the same characteristic as in previous months, and were more northerly than the average. They have been generally unsteady and variable. Notwithstanding these variations in details the general weather has been such as is ordinarily experienced in June. Incursions of monsoon winds and rainfall have occurred at intervals, while at other times the temperature has been high and the sky more or less free from cloud. From the 1st to the 8th the weather was fine with south-westerly winds, but on the latter date rain commenced at Simla, and the wind shifted to south over the greater part of the Province. On the 9th rain was falling at Simla and Ludhiána, and on the 10th at Simla, Ludhiána, Sirsa, Lahore, Siálkot and Dera Ismail Khan. The morning of the 11th showed a clear sky, and the only rain reported was a shower at Murree. On the 16th rain recommenced at Murree and Ráwalpindi, and on the 17th was reported from Murree, Ráwalpindi,

Siálkot, Simla, Sirsa and Mooltan, the fall in the south and west of the Province being considerable. By the morning of the 18th the weather had again cleared, but local showers were reported from one or two places during the succeeding two days. From the 21st to the 23rd beyond a shower at Simla there was no rain, but on the 24th rain was reported from Delhi, Simla, Ludhiána, Sirsa, Siálkot and Murree. On the 25th rain was confined to Delhi, Simla and Ludhiána, but on the 26th it had spread to Sirsa, Lahore and Siálkot also. After this fall the weather was fine until the 30th, when showers recommenced over and along the foot of the hills. This summary of the weather shows that very fair conditions have prevailed over the Province, and that the monsoon of 1890 has, with a few exceptions, commenced in a very satisfactory manner. The rainfall has been exceptionally good in the south and west of the Province, where of course the occurrence of rain is most uncertain.

*Pressure*.—The table at the commencement of the summary shows that except at Murree the barometer has been low throughout the month. The deficiency at Simla and Pesháwar has been slight, but in other parts of the Province has been rather large, so that the result has been the production of very uniform readings throughout.

*Temperature*.—The mean temperature of the month was slightly below the normal average except in the north-west and west, where there was an excess ranging from 0·8° at Ráwalpindi to 3½° at Mooltan.

*Rain*.—The daily distribution of rainfall has been described above. The totals at the close show that no rain fell at Pesháwar throughout the month, and that at Ráwalpindi, Montgomery and Delhi there was a deficiency. At the last station the rainfall was two inches short of the average, and at Montgomery only about ⅓ of the normal fell. In all other parts of the country the fall was more than usual, the excess being greatest over the south and centre of the Province, but considerable also in the west.

The following figures give the normal rainfall for the period 27th May to 30th June and the actual rainfall for the same period for 1890. The comparison is founded on information supplied by the District Officers of all districts in the Punjab, and gives a more correct idea of the general rainfall than does the table of the 12 observatories given below:—

| Division. | Average normal rainfall, May 27th to June 30th. | Average actual rainfall, May 27th to June 30th, 1890. | Excess or defect of rainfall expressed as a percentage. |
|---|---|---|---|
| | Inches. | Inches. | % |
| Punjab (South) ... ... ... ... | 2·13 | 2·04 | — 4 |
| Do. (Central) ... ... ... ... | 3·67 | 3·17 | —14 |
| Do. (Submontane) ... ... ... ... | 3·75 | 3·40 | — 9 |
| Do. (Hill districts) ... ... ... ... | 9·83 | 9·14 | — 7 |
| Do. (North-west) ... ... ... ... | 2·23 | 2·78 | + 25 |
| Do. (West) ... ... ... ... | 0·95 | 0·72 | — 24 |

This table shows that, except in the north-west, the rainfall since the beginning of the monsoon has been deficient, but everywhere by comparatively small amounts.

The following table gives the rainfall data for the Punjab stations for June 1890 :—

TABLE B.

| STATIONS. | Normal average rainfall in June. | Actual rainfall in June 1890. | Difference from the average in June 1890. |
|---|---|---|---|
| | Inches. | Inches. | Inches. |
| *Punjab, West.* | | | |
| Mooltan ... ... ... ... ... ... | 0·68 | 0·84 | + 0·16 |
| Dera Ismail Khan ... ... ... ... ... | 0·52 | 1·00 | + 0·48 |
| Peshåwar ... ... ... ... ... | 0·47 | ... | — 0·47 |
| Murree ... ... ... ... ... ... | 2·51 | 2·51 | ... |
| Rávalpindi ... ... ... ... ... | 1·66 | 1·17 | — 0·49 |
| Siálkot ... ... ... ... ... ... | 3·51 | 5·04 | + 1·53 |
| Lahore ... ... ... ... ... ... | 1·84 | 3·35 | + 1·51 |
| Montgomery ... ... ... ... ... | 1·21 | 0·42 | — 0·79 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 2·47 | 3·97 | + 1·50 |
| Simla ... ... ... ... ... ... | 7·10 | 8·87 | + 1·77 |
| Delhi ... ... ... ... ... ... | 3·83 | 1·67 | — 2·16 |
| Sirsa ... ... ... ... ... ... | 1·90 | 4·06 | + 2·16 |

SIMLA : *The 24th July 1890.*

W. L. DALLAS,
*Meteorological Reporter to Government, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*:—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
R = Slight rain not measured.
D = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Week ending* 15th *June* 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 9th. | Tuesday 10th. | Wednesday 11th. | Thursday 12th. | Friday 13th | Saturday 14th. | Sunday 15th. | | |
| Simla. | Barauli ... | 19th May ... | 1·08 | 0·50 | ... | ... | ... | ... | ... | 1·58 | |
| | Simla ... | 8th June ... | 1·10 | 0·40 | ... | ... | ... | ... | ... | 1·50 | |
| | Kotkhai ... | 29th May ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Kotgarh ... | Ditto ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| Ferozepore. | Gobindgarh ... | 19th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending* 29*th June* 1890. | | | | | | | | |
| | | | Monday 23rd. | Tuesday 24th. | Wednesday 25th. | Thursday 26th. | Friday 27th. | Saturday 28th. | Sunday 29th. | | |
| Ludhiana. | Jagraon ... | 19th June ... | ... | ... | 0·18 | 0·31 | ... | ... | 0·07 | 0·56 | |
| Bannu. | Miánwáli ... | 24th March ... | ... | ... | ... | 0·04 | ... | ... | ... | 0·04 | |
| | Isa Khel ... | 26th April ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | 1st June ... | ... | ... | 0·24 | 0·09 | ... | ... | ... | 0·33 | |
| | Marwat ... | 11th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 20th JULY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of July 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th | Saturday 19th. | Sunday 20th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 5th July ... | 0·35 | ... | ... | ... | ... | ... | ... | 0·35 | Locusts visited the district. Orders issued for the distruction of their eggs. |
| | Fatahabad ... | 9th Do. ... | 1·42 | 0·20 | ... | ... | 0·10 | ... | ... | 1·72 | |
| | Barwála ... | 6th Do. ... | ... | ... | ... | ... | 0·17 | ... | ... | 0·17 | |
| | Hissar *s* | 12th Do. ... | 0·41 | ... | ... | ... | 0·22 | ... | ... | 0·63 | |
| | Hánsi ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | 0·92 | 0·92 | |
| | Budhláda ... | 7th Do. ... | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Dhaneta *C* ... | 11th Do. ... | ... | ... | ... | ... | 0·15 | ... | ... | 0·15 | |
| Rohtak. | Rohtak *s* | 11th July ... | ... | 0·50 | ... | 0·10 | ... | 0·30 | 0·50 | 1·40 | |
| | Gohána ... | 12th Do. ... | ... | 4·30 | ... | ... | 0·15 | 0·41 | 0·22 | 5·08 | |
| | Sámpla ... | 11th Do. ... | ... | 1·60 | ... | ... | ... | 0·85 | 0·93 | 3·38 | |
| | Jhajjar ... | 12th Do. ... | ... | ... | ... | ... | 0·62 | 0·38 | 0·19 | 1·19 | |
| Gurgaon. | Farukhnagar ... | 11th July ... | 2·78 | ... | ... | ... | 0·20 | 0·70 | ... | 3·68 | |
| | Játusána ... | Ditto ... | ... | ... | ... | 0·20 | 0·45 | ... | ... | 0·65 | |
| | Rewári ... | 1st July ... | ... | ... | ... | 0·30 | ... | 0·50 | ... | 0·80 | |
| | Shahjahánpur ... | 11th Do. ... | 0·15 | ... | ... | 0·35 | ... | 1·90 | ... | 2·40 | |
| | Tauru ... | 10th Do. ... | ... | ... | 0·50 | ... | 1·10 | ... | 0.50 | 2·10 | |
| | Nuh ... | 12th Do. ... | ... | ... | ... | ... | 1·30 | 0·80 | ... | 2·10 | |
| | Firozpur ... | 13th Do. ... | 0·66 | ... | 0·50 | 0·82 | 0·65 | 4·45 | ... | 7·08 | |
| | Hodal ... | 10th Do. ... | 2·50 | ... | 0·10 | ... | 3·30 | 1·30 | ... | 7·20 | |
| | Hattín ... | 11th Do. ... | 0·50 | ... | ... | 0·35 | 1·50 | 1·20 | ... | 3·55 | |
| | Palwal ... | 13th Do. ... | 0·60 | ... | ... | 0·30 | 1·00 | 2·00 | 0·90 | 4·80 | |
| | Sohna ... | 11th Do. ... | 0·10 | ... | ... | ... | ... | 1·50 | 1·10 | 2·70 | |
| | Gurgaon *s* | Ditto ... | 0·60 | ... | ... | 0·30 | 2·60 | 0·42 | 0·24 | 4·16 | |
| | Punahána ... | Ditto ... | 0·33 | 0·55 | ... | 0·30 | 0·90 | 0·60 | ... | 2·68 | |
| Delhi. | Ballabgarh ... | 12th July ... | 0·10 | ... | 0·30 | ... | 1·35 | 0·60 | 0·21 | 2·56 | |
| | Mahrauli ... | Ditto ... | 0·50 | ... | ... | ... | 0·04 | 3·50 | 0·20 | 4·24 | |
| | Sadr (Delhi) *s* | 10th July ... | 1·71 | ... | ... | 0·52 | 5·40 | 1·60 | 0·02 | 9·25 | |
| | Sonepat ... | 12th Do. ... | ... | ... | ... | 0·15 | 0·02 | 1·15 | 0·44 | 1·76 | |
| Karnal. | Pánipat ... | 5th July ... | ... | ... | ... | ... | 1·50 | 0·72 | 0·20 | 2·42 | |
| | Karnál *s* | 12th Do. ... | 0·04 | 0·04 | ... | ... | 1·15 | 1·75 | 0·33 | 3·31 | |
| | Rajaund ... | 5th Do. ... | ... | ... | ... | ... | 0·50 | ... | 0·40 | 0·90 | |
| | Kaithal ... | 10th Do. ... | 1·60 | ... | ... | ... | ... | ... | 0·35 | 1·95 | |
| | Gulah ... | 12th Do. ... | 0·10 | ... | ... | 0·10 | 0·09 | 0·07 | ... | 0·36 | |
| Umballa. | Pipli ... | 11th July ... | ... | ... | 0·41 | ... | ... | 2·71 | ... | 3·12 | |
| | Jagádhri ... | Ditto ... | 0·65 | ... | 0·60 | ... | 1·07 | 2·70 | 0·22 | 5·24 | |
| | Umballa *s* | Ditto ... | ... | 3·74 | ... | ... | ... | 0·46 | ... | 4·20 | |
| | Naráingarh ... | 12th July ... | ... | 5·08 | 1·09 | 0·29 | ... | 3·08 | 0·02 | 9·56 | |
| | Kharar ... | 10th Do. ... | 0·08 | 0·34 | 0·05 | 1·34 | 0·62 | 0·21 | 0·14 | 2·78 | |
| | Rúpar ... | 11th Do. ... | 0·09 | ... | ... | ... | 0·16 | ... | 0·84 | 1·09 | |
| | Kotra *C* ... | 10th Do. ... | ... | ... | 0·54 | ... | ... | ... | ... | 0·54 | |
| | Jhodhpur *C* ... | 11th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* ... | 9th Do. ... | ... | ... | R. | R. | ... | ... | R. | ... | |
| | Dádupur *C* ... | 10th Do. ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | 0·20 | |
| Simla. | Kasauli *s* | 13th July ... | 0·08 | 1·07 | 0·13 | 0·13 | 2·66 | 0·22 | ... | 4·29 | |
| | Barauli ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received |
| | Simla *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách ... | 13th July ... | 0·25 | 0·03 | ... | ... | 0·05 | 0·15 | 0·05 | 0·53 | |
| | Kulu *s* | Ditto ... | 0·50 | 0·03 | ... | ... | 0·06 | 0·48 | 0·48 | 1·55 | |
| | Nagar ... | Ditto ... | 0·43 | ... | ... | ... | ... | 0·24 | 0·23 | 0·90 | |
| | Pálampur ... | Ditto ... | 0·06 | 0·34 | 4·93 | ... | 1·10 | 4·00 | 0·02 | 10·45 | |
| | Hamírpur ... | Ditto ... | 0·10 | ... | 0·12 | ... | ... | 2·00 | 0·65 | 2·87 | |
| | Dera ... | Ditto ... | 0·35 | ... | ... | ... | ... | 3·80 | 0·35 | 4·50 | |
| | Kángra ... | 12th July ... | 0·14 | 0·63 | ... | ... | 0·16 | 2·12 | ... | 3·05 | |
| | Dharmsála *s* | 13th Do. ... | ... | 4·82 | ... | 0·35 | 1·62 | ... | 4·35 | 11·14 | |
| | Nurpur ... | 6th Do. ... | ... | 1·20 | 0·20 | ... | ... | 1·50 | 0·20 | 3·10 | |
| Hoshiarpur. | Dasúya ... | 9th July ... | ... | 0·14 | 0·22 | ... | 0·12 | 0·53 | 0·16 | 1·17 | |
| | Una ... | 13th Do. ... | 0·11 | ... | ... | 0·18 | 0·72 | 0·23 | 1·05 | 2·29 | |
| | Garhshankar ... | 10th Do. ... | ... | ... | 0·35 | ... | ... | ... | 0·63 | 0·98 | |
| | Sadr Station ... | 5th Do. ... | ... | ... | 0·60 | ... | ... | 3·20 | 0·65 | 4·45 | |
| | Hoshiárpur ... | 13th Do. ... | ... | ... | 0·10 | ... | 0·27 | 1·90 | 1·45 | 3·72 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of July* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | TOTAL. | SPECIAL REMARKS. |
| JULLUNDUR. | Jullundur s | 10th July | 0·20 | ... | ... | ... | ... | ... | 0·46 | 0·66 | |
| | Nakodar | 6th Do. | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Phillour | 7th Do. | ... | ... | ... | ... | 0·13 | ... | 0·18 | 0·31 | |
| | Nawashahr | 11th Do. | ... | ... | ... | 0·02 | 0·01 | ... | 0·10 | 0·13 | |
| LUDHIANA. | Samrála | 10th July | 0·66 | ... | ... | ... | ... | ... | 0·29 | 0·95 | |
| | Ludhiána s | 13th Do. | 0·20 | ... | ... | ... | ... | ... | 0·01 | 0·21 | |
| | Jagraon | Ditto | ... | 0·02 | 0·70 | ... | ... | 0·18 | 0·05 | 0·95 | |
| FEROZEPORE. | Moga | 6th July | 0·42 | ... | ... | ... | 0·54 | ... | ... | 0·96 | |
| | Zíra | 10th Do. | ... | ... | ... | ... | ... | 0·59 | 0·30 | 0·89 | |
| | Ferozepore | 5th Do. | ... | ... | ... | ... | ... | 1·07 | ... | 1·07 | |
| | Ferozepore city | Ditto | ... | ... | ... | ... | ... | 1·55 | ... | 1·55 | |
| | Muktsar | 10th July | ... | ... | 0·93 | ... | ... | 0·90 | ... | 1·83 | |
| | Fázilka | Ditto | ... | ... | ... | ... | ... | 1·35 | ... | 1·35 | |
| | Nathána | 4th July | ... | ... | ... | ... | ... | ... | 0·07 | 0·07 | |
| | Gobindgarh *C* | 10th Do. | ... | ... | ... | ... | ... | ... | 1·10 | 1·10 | |
| MOOLTAN. | Mailsi | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 2nd July | ... | 0·02 | ... | 0·30 | ... | ... | ... | 0·32 | |
| JHANG. | Shorkot | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | 11th Do. | ... | ... | ... | 0·02 | ... | ... | ... | 0·02 | |
| | Chiniot | Ditto | ... | 0·65 | ... | ... | ... | ... | ... | 0·65 | |
| MONTGOMERY. | Gugera | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 11th Do. | ... | ... | 0·55 | ... | ... | ... | ... | 0·55 | |
| | Dipálpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| LAHORE. | Van *C* b | 11th July | ... | ... | ... | ... | ... | ... | 2·48 | 2·48 | |
| | Chunián | 7th Do. | ... | ... | ... | ... | ... | 1·17 | 0·59 | 1·76 | |
| | Kasúr | 6th Do. | ... | ... | ... | ... | ... | ... | 0·56 | 0·56 | |
| | Pambe *C* | 11th Do. | ... | ... | ... | ... | ... | ... | 1·20 | 1·20 | |
| | Sharakpur * | 4th Do. | ... | ... | ... | ... | ... | 1·50 | ... | 1·50 | * Locusts are reported to have passed through Mangtanwála in the Sharakpur Tahsíl towards Montgomery without causing any damage to crops. |
| | Niáz Beg *C* | 7th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 6th Do. | ... | ... | ... | 0·17 | ... | ... | 1·86 | 2·03 | |
| | Meean Meer *C* b | Ditto | ... | ... | ... | 1·55 | ... | ... | 4·94 | 6·49 | |
| | Manihála *C* | 5th July | ... | ... | ... | ... | ... | ... | 0·46 | 0·46 | |
| | Dafthu *C* b | Ditto | ... | ... | ... | ... | ... | ... | 1·75 | 1·75 | |
| AMRITSAR. | Buchar *C* b | 6th July | ... | ... | ... | ... | ... | ... | 0·80 | 0·80 | |
| | Khara *C* | 5th Do. | ... | ... | ... | ... | ... | ... | 0·16 | 0·16 | |
| | Tarn Táran | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 5th Do. | ... | ... | ... | ... | 0·15 | ... | 0·35 | 0·50 | |
| | Amritsar Sadr | 13th Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Amritsar *C* | 6th Do. | 0·07 | ... | ... | ... | ... | ... | 0·07 | 0·14 | |
| | Buggeh *C* | 9th Do. | ... | ... | ... | 0·50 | ... | ... | 0·37 | 0·87 | |
| | Ajnála | Ditto | ... | ... | ... | ... | ... | 0·41 | 1·18 | 1·59 | |
| GURDASPUR. | Aliwál *C* | 6th July | 0·35 | ... | ... | ... | ... | ... | ... | 0·35 | |
| | Batála | 13th Do. | ... | ... | ... | ... | 0·10 | ... | 0·04 | 0·14 | |
| | Kaler *C* | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur s | Ditto | ... | ... | ... | ... | ... | 0·15 | 0·02 | 0·17 | |
| | Bhímpur *C* | Ditto | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Patháukot | 5th July | ... | ... | ... | ... | ... | 1·64 | 0·15 | 1·79 | |
| | Dalhousie *s | 12th Do. | 0·41 | 0·09 | 2·76 | ... | ... | 1·61 | 2·70 | 7·57 | |
| | Mádhopur *C* b | 13th Do. | ... | ... | ... | ... | ... | 1·45 | 1·65 | 3·10 | |
| | Shakargarh | 12th Do. | ... | ... | ... | ... | ... | ... | 0·35 | 0·35 | |
| SIALKOT. | Zafarwál | 13th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 10th July | 0·13 | ... | ... | 0·20 | ... | ... | ... | 0·33 | |
| | Siálkot s | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of July* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 13th July | ... | ... | 2·12 | 0·12 | ... | ... | ... | 2·24 | Kharif prospects good, green fodder sufficient. |
| | Gujrát | Ditto | ... | ... | 2·14 | 0·10 | ... | ... | ... | 2·24 | |
| | Khárián | Ditto | 0·08 | 0·60 | 2·40 | 0·90 | ... | ... | ... | 3·98 | |
| | Phália | 5th July | 1·10 | 0·13 | ... | ... | ... | ... | ... | 1·23 | |
| Gujranwala. | Rámnagar | 13th July | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | Kharif sowings completed. Fodder sufficient. |
| | Wazirabad | Ditto | ... | 0·90 | 0·75 | ... | ... | 0·50 | ... | 2·15 | |
| | Sadr Kacheri s | 7th July | ... | ... | ... | ... | ... | 0·42 | ... | 0·42 | |
| | Shekhupura | 5th Do. | ... | ... | ... | ... | ... | ... | 5·00 | 5·00 | |
| | Háfizabad | 4th Do. | ... | ... | 2·00 | ... | ... | ... | ... | 2·00 | |
| | Meluána *C* | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 10th Do. | ... | ... | ... | ... | ... | 0·22 | ... | 0·22 | |
| | Núrpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 5th Do. | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Naushahra | 7th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | 10th Do. | ... | ... | ... | ... | ... | 0·63 | ... | 0·63 | |
| | Shahpur s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | Ditto | 0·82 | ... | 0·52 | ... | ... | ... | ... | 1·34 | |
| | Miáni | 11th July | ... | ... | ... | 0·95 | ... | ... | ... | 0·95 | |
| Jhelum. | Pind Dádan Khan | 11th July | ... | 0·51 | 0·02 | 1·23 | ... | ... | 0·20 | 1·96 | |
| | Sadr Station s | 13th Do. | ... | 0·75 | 3·48 | ... | ... | ... | 0·08 | 4·31 | |
| | Chakwál | 11th July | ... | ... | ... | 0·10 | ... | ... | 1·89 | 1·99 | |
| | Talagang | Ditto | ... | ... | ... | 0·11 | ... | ... | ... | 0·11 | |
| Rawalpindi. | Pindigheb | 9th July | ... | ... | ... | ... | ... | ... | 1·05 | 1·05 | |
| | Fatahjang | 4th Do. | 0·31 | ... | 0·19 | ... | ... | ... | ... | 0·50 | |
| | Attock | Ditto | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Ráwalpindi s | 13th July | 0·44 | 2·03 | 0·06 | ... | ... | ... | 3·42 | 5·95 | |
| | Gujar Khan | 10th Do. | 0·75 | 0·67 | ... | ... | ... | ... | ... | 1·42 | |
| | Kahuta | 13th Do. | 1·27 | 4·04 | ... | ... | ... | ... | ... | 5·31 | |
| | Murree s | Ditto | ... | 0·90 | ... | ... | ... | ... | 0·70 | 1·60 | |
| Hazara. | Abbott-abad s | 13th July | 0·24 | 0·39 | 0·81 | ... | ... | ... | 0·76 | 2·20 | |
| | Mansáhra | Ditto | 0·03 | ... | 1·04 | ... | ... | ... | 1·12 | 2·19 | |
| | Haripur | 11th July | 0·30 | ... | 1·10 | ... | ... | ... | 1·30 | 2·70 | |
| Peshâwar. | Sawábi | 10th July | ... | ... | 0·26 | ... | ... | ... | 0·03 | 0·29 | |
| | Lahore (Utman Bolak) | 2nd Do. | ... | ... | 0·39 | ... | ... | ... | ... | 0·39 | |
| | Nowshera | 6th Do. | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Mardán s | 2nd Do. | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Katlang | Ditto | ... | ... | ... | 1·40 | ... | ... | ... | 1·40 | |
| | Hashtnagar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshâwar s | 5th July | ... | R. | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát s | 1st July | ... | ... | ... | ... | ... | D. T. | ... | ... | |
| | Hangu | 2nd Do. | ... | ... | 1·10 | ... | ... | ... | ... | 1·10 | |
| | Thal | 1st May | ... | ... | ... | ... | ... | 1·50 | ... | 1·50 | |
| | Karak | 10th July | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| Bannu. | Miánwáli | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 6th Do. | ... | ... | ... | ... | ... | 0·09 | ... | 0·09 | |
| | Bannu s | 26th June | 0·22 | 1·04 | ... | ... | ... | ... | ... | 1·26 | |
| | Marwat | 11th July | ... | 0·02 | ... | 0·29 | ... | ... | ... | 0·31 | |
| Dera Ismail Khan. | Tánk | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | Ditto | ... | ... | ... | 1·00 | ... | ... | ... | 1·00 | |
| | D. I. Khan s | 10th July | ... | ... | ... | 0·18 | ... | ... | ... | 0·18 | |
| | Bhakkar | 11th Do. | ... | ... | ... | 1·90 | ... | ... | ... | 1·90 | |
| | Leiah | 4th Do. | ... | ... | ... | 0·14 | ... | ... | ... | 0·14 | |
| Dera Ghazi Khan. | Sangarh | 4th July | ... | ... | ... | 0·36 | ... | ... | ... | 0·36 | |
| | Dera Ghází Khan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur | 24th April | ... | ... | ... | R. | ... | ... | ... | ... | Statement not received. |
| | Rájanpur | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of June 1890.*

| DETAIL. | | | Unit. | | REMARKS. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 230 | |
| Receipts. | Tollage. | Private boats | Rs. | 466 | |
| | | Government boats | " | 26 | |
| | | Rafts | " | 2,644 | |
| | Fines and Sundries | | " | 10 | |
| | | Total | " | 3,146 | |
| Cost of Navigation Establishment | | | " | * 487 | * Includes maintenance charges. |
| Net Revenue during month | | | " | 2,659 | |
| Boats plying. | Number | Cargo... | No. | 58 | |
| | | Passengers | " | ... | |
| | Tonnage | Cargo... | Tons | 1,138 | |
| | | Passengers | " | ... | |
| Ton mileage | | Up | " | 80,976 | |
| | | Down... | " | 85,366 | |
| | | Total | " | 166,342 | |
| Estimated value of Cargo | | Up | Rs. | 2,554 | |
| | | Down | " | 17,325 | |
| | | Total | " | 19,879 | |
| Number of passengers | | | No. | ... | |
| Rafts ... | | Contents, Down | C. ft. | 173,417 | |
| | | Estimated value | Rs. | 86,663 | |
| Tollage on boats per ton per mile | | | Pie. | 0·57 | |
| Do. rafts per 100 cubic feet | | | Rs. | 1-8-4 | |
| Description and quantities of goods carried. | Grain | Down | Tons | 183 | |
| | Building materials | Up | " | 390 | |
| | Fuel | Up | " | 137 | |
| | | Down | " | 343 | |
| | | Total | " | 480 | |
| | Timber | Down | " | 67 | |
| | Miscellaneous | Up | " | 22 | |
| | Total Traffic | Up | " | 549 | |
| | | Down | " | 593 | |
| | | Total | " | 1,142 | |
| | Rafts. | Logs round and squared—Down | " | 1 | |
| | | Sleepers, broad gauge—Down | " | 551 | |
| | | Sleepers, metre gauge—Down | " | 465 | |
| | | Ballas and karries—Down | " | 2,449 | |
| | | Bamboos and reeds—Down | " | 1 | |
| | | Total Rafts | ... | 3,467 | |

LAHORE:
*The 21st July 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of June* 1890.

| DETAIL. | | | Unit. | | REMARKS. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 188 | |
| Receipts. Tollage. | Private boats | | Rs. | 156 | |
| | Government boats | | " | 2 | |
| | Rafts | | " | 656 | |
| Receipts. | Hire of Government boats | | " | 4 | |
| | Total | | " | 818 | |
| Cost of Navigation Establishment | | | " | *924 | * Includes maintenance charges. |
| Net loss during month | | | " | 106 | |
| Boats plying. Number | Cargo | | No. | 35 | |
| | Passengers | | " | 7 | |
| Boats plying. Tonnage | Cargo | | Tons | 513 | |
| | Passengers | | " | 21 | |
| Ton mileage | Up | | " | 14,484 | |
| | Down | | " | 7,067 | |
| | Total | | " | 21,551 | |
| Estimated value of cargo | Up | | Rs. | 18,032 | |
| | Down | | " | 7,359 | |
| | Total | | " | 25,391 | |
| Number of passengers | | | No. | 584 | |
| Rafts | Contents—Down | | C. ft. | 104,712 | |
| | Estimated value | | Rs. | 74,252 | |
| Tollage on boats per ton per mile | | | Pie | 1·4 | |
| Do. rafts per 100 cubic feet | | | Annas | 0-10-0 | |
| Description and quantities of goods carried. Grain | Up | | Tons | 252 | |
| | Down | | " | 78 | |
| | Total | | " | 330 | |
| Salt | Up | | " | 8 | |
| Metals | Up | | " | 9 | |
| | Down | | " | 2 | |
| | Total | | " | 11 | |
| Building materials | Up | | " | 88 | |
| | Down | | " | 10 | |
| | Total | | " | 98 | |
| Fuel | Up | | " | 18 | |
| Timber | Up | | " | 2 | |
| | Down | | " | 77 | |
| | Total | | " | 79 | |
| Miscellaneous | Down | | " | 20 | |
| Total Traffic | Up | | " | 377 | |
| | Down | | " | 187 | |
| | Total | | " | 564 | |
| Rafts. | Logs, round and squared—Down | | " | 456 | |
| | Sleepers, broad gauge—Down | | " | 811 | |
| | Sleepers, metre gauge—Down | | " | 203 | |
| | Ballahs and Karries—Down | | " | 148 | |
| | Bamboos and Reeds—Down | | " | 13 | |
| | Total Rafts | | " | 1,631 | |

LAHORE:
*The* 26*th July* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 28th JUNE 1890.

| No. | Districts. | Towns | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 8 | 4 | 12 | 11 | 4 | 7 | ... | ... | 8 | ... | ... | 3 | 1 | 2 | 3 | 44 | 40 |
| 2 | | Hansi ... | 12,656 | 4 | 3 | 7 | 6 | 2 | 4 | ... | ... | 4 | ... | ... | 2 | 1 | 2 | 3 | 29 | 25 |
| 3 | | Bhiwani ... | 33,762 | 15 | 10 | 25 | 18 | 11 | 7 | ... | ... | 9 | 2 | ... | 7 | 1 | 1 | 2 | 39 | 28 |
| 4 | | Sirsa ... | 12,292 | 6 | 2 | 8 | 4 | 3 | 1 | ... | ... | 4 | ... | ... | ... | 1 | ... | 1 | 34 | 17 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 5 | 1 | 6 | 6 | 5 | 1 | ... | ... | 2 | 1 | ... | 3 | 3 | ... | 3 | 20 | 20 |
| 6 | | Jhajjar ... | 11,650 | 6 | 4 | 10 | 5 | 3 | 2 | ... | ... | 1 | 1 | 1 | 2 | ... | 2 | 2 | 45 | 22 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 10 | 10 | 20 | 7 | 3 | 4 | ... | ... | 5 | ... | ... | 2 | 2 | 2 | 4 | 43 | 15 |
| 8 | | Palwal ... | 10,635 | ... | 3 | 3 | 10 | 4 | 6 | 1 | 1 | 2 | 1 | ... | 5 | 1 | 1 | 2 | 15 | 49 |
| 9 | Delhi ... | Delhi ... | 117,363 | 46 | 50 | 96 | 84 | 43 | 41 | ... | ... | 46 | 4 | ... | 34 | 12 | 5 | 17 | 43 | 37 |
| 10 | | " Suburbs ... | 52,882 | 14 | 7 | 21 | 13 | 6 | 7 | 2 | ... | 6 | 1 | ... | 4 | 2 | 1 | 3 | 21 | 13 |
| 11 | | Sonepat ... | 13,077 | 6 | 2 | 8 | 9 | 5 | 4 | ... | ... | 8 | ... | 1 | ... | ... | ... | ... | 32 | 36 |
| 12 | Karnal ... | Karnal ... | 23,133 | 14 | 6 | 20 | 13 | 7 | 6 | ... | 5 | 1 | 3 | ... | 4 | 4 | 1 | 5 | 45 | 29 |
| 13 | | Kaithal ... | 14,754 | 2 | 4 | 6 | 4 | 3 | 1 | ... | 2 | ... | 2 | ... | ... | 2 | ... | 2 | 21 | 14 |
| 14 | | Panipat ... | 26,572 | 12 | 11 | 23 | 15 | 7 | 8 | ... | 2 | 4 | 3 | ... | 6 | 4 | 2 | 6 | 45 | 29 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 3 | 9 | 26 | 13 | 13 | ... | 6 | 11 | 3 | ... | 6 | 3 | 3 | 6 | 18 | 51 |
| 16 | | Jagadhri ... | 12,300 | 1 | ... | 1 | 12 | 9 | 3 | 1 | 2 | 4 | 2 | ... | 3 | 1 | ... | 1 | 4 | 51 |
| 17 | | Shahabad ... | 10,218 | ... | 2 | 2 | 6 | 4 | 2 | ... | ... | 4 | 2 | ... | ... | 1 | 1 | 2 | 10 | 31 |
| 18 | | Sadhaura ... | 10,794 | 3 | 1 | 4 | 3 | 2 | 1 | ... | ... | 1 | ... | ... | 2 | 2 | 1 | 3 | 19 | 14 |
| 19 | | Rupar ... | 10,326 | 1 | 5 | 6 | 4 | 1 | 3 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 30 | 20 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 5 | 7 | 12 | 10 | 6 | 4 | 2 | ... | 4 | 1 | ... | 3 | 1 | 2 | 3 | 47 | 39 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 3 | 8 | 10 | 8 | 2 | ... | ... | 4 | ... | ... | 6 | 5 | 1 | 6 | 41 | 51 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 21 | 6 | 27 | 14 | 9 | 5 | ... | ... | 10 | ... | ... | 4 | 6 | 1 | 7 | 45 | 23 |
| 23 | | " Suburbs ... | 11,474 | 10 | 8 | 18 | 6 | 2 | 4 | ... | ... | 4 | 1 | ... | 1 | 1 | 2 | 3 | 82 | 27 |
| 24 | | Rahon ... | 11,736 | 7 | 1 | 8 | 4 | 1 | 3 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 36 | 18 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 23 | 14 | 37 | 24 | 14 | 10 | 2 | 1 | 13 | ... | ... | 8 | 2 | ... | 2 | 44 | 28 |
| 26 | | Jagraon ... | 16,873 | 9 | 5 | 14 | 9 | 4 | 5 | ... | ... | 6 | ... | ... | 3 | 1 | 3 | 4 | 43 | 28 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 5 | 12 | 10 | 4 | 6 | ... | ... | 7 | ... | ... | 3 | 1 | 3 | 4 | 30 | 25 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 12 | 12 | 24 | 18 | 9 | 9 | ... | ... | 6 | 2 | ... | 10 | 3 | 2 | 5 | 39 | 29 |
| 29 | | " Suburbs ... | 25,593 | 12 | 14 | 26 | 7 | 3 | 4 | ... | ... | 5 | ... | ... | 2 | ... | 2 | 2 | 53 | 14 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 5 | 10 | 5 | 2 | 3 | ... | ... | 4 | ... | ... | 1 | 1 | 1 | 2 | 41 | 21 |
| 31 | | Chiniot ... | 11,191 | 11 | 3 | 14 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | ... | 1 | 1 | 65 | 19 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Bowel complaints. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 43 | 43 | 86 | 59 | 27 | 32 | ... | ... | 36 | 2 | ... | 21 | 9 | 9 | 18 | 46 | 32 |
| 33 | | „ Suburbs ... | 41,670 | 9 | 6 | 15 | 15 | 7 | 8 | ... | ... | 7 | ... | ... | 8 | 2 | ... | 2 | 19 | 19 |
| 34 | | Kasur ... | 17,336 | 3 | 2 | 5 | 9 | 2 | 7 | ... | ... | 3 | ... | ... | 6 | ... | ... | ... | 15 | 27 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 46 | 47 | 93 | 79 | 46 | 33 | 2 | ... | 43 | 2 | 4 | 28 | 12 | 6 | 18 | 34 | 29 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 16 | 8 | 24 | 14 | 8 | 6 | ... | ... | 10 | ... | ... | 4 | 1 | ... | 1 | 52 | 30 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 11 | 7 | 18 | 8 | 4 | 4 | ... | ... | 2 | 1 | ... | 5 | 1 | 1 | 2 | 28 | 12 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 7 | 6 | 13 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 36 | 11 |
| 39 | | Jalalpur ... | 12,839 | 6 | 5 | 11 | 7 | 3 | 4 | ... | ... | 4 | ... | ... | 3 | 1 | 1 | 2 | 45 | 28 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 13 | 3 | 16 | 16 | 12 | 4 | ... | 1 | 5 | 1 | 1 | 8 | 3 | 1 | 4 | 36 | 36 |
| 41 | | Wazirabad ... | 16,462 | 5 | 3 | 8 | 11 | 7 | 4 | ... | 1 | 5 | 1 | ... | 4 | ... | 2 | 2 | 25 | 35 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 7 | 10 | 17 | 14 | 6 | 8 | ... | ... | 6 | ... | ... | 8 | ... | 2 | 2 | 58 | 48 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 1 | 3 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 9 | 13 |
| 44 | | Pind Dadan Khan ... | 16,724 | 1 | 3 | 4 | 6 | 1 | 5 | ... | ... | 5 | 1 | ... | ... | ... | ... | ... | 12 | 19 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 7 | 2 | 9 | 22 | 12 | 10 | ... | ... | 10 | 3 | ... | 9 | ... | ... | ... | 17 | 41 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 15 | 19 | 34 | 37 | 14 | 23 | ... | ... | 21 | 1 | 2 | 13 | 5 | 4 | 9 | 30 | 33 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 2 | 6 | 7 | 2 | 5 | ... | ... | 6 | ... | ... | 1 | 1 | 1 | 2 | 23 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 7 | 2 | 9 | 28 | 15 | 13 | | | 10 | ... | ... | 18 | 1 | 1 | 2 | 25 | 77 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 6 | 3 | 9 | 10 | 5 | 5 | ... | ... | 8 | ... | ... | 2 | 1 | ... | 1 | 24 | 27 |
| Birth and death rate of London for the week ending 7th June 1890 is also given as a standard for comparison ... | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28·3 | 16·4 |
| | | GRAND TOTAL ... | 1,311,790 | 494 | 383 | 877 | 727 | 375 | 352 | 10 | 21 | 379 | 41 | 9 | 267 | 99 | 73 | 172 | 35 | [illegible] |
| | | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | ... ... ... | 12,305 | 1 | 3 | 4 | 7 | 4 | 3 | ... | ... | ... | ... | 1 | 6 | ... | ... | ... | 17 | 30 |
| Dharmsala | ... | ... ... ... | 3,839 | ... | ... | ... | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | ... | 1 | 1 | ... | 41 |
| Dalhousie | ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree | ... | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 22nd July 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 28th June 1890.*

*General results.*—The total deaths registered from all causes in the Province were 10,645 against 12,076 in the previous week and 10,099 in the corresponding week of the past year, giving respectively an annual death-rate of 29·5, 33·4 and 27·9 per 1,000 of population. The death-rate is 3·9 per 1,000 less than it was for the week ending 21st June, but is still 2·5 per 1,000 greater than 27·0, the rate for the corresponding week for the five years 1885-89.

*Cholera.*—There were 134 deaths registered under the head of cholera against 169 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Hissar ... | Rural Circle ... | 1 |
| Gurgaon ... | Pálwal Town ... | 1 |
| Do. ... | Rural Circles ... | 57 |
| Delhi ... | Delhi Suburbs ... | 2 |
| Do. ... | Ballabgarh Town ... | 2 |
| Do. ... | Farídabad Town ... | 1 |
| Do. ... | Rural Circles ... | 62 |
| Umballa ... | Jagádhri Town ... | 1 |
| Hoshiárpur ... | Hoshiárpur Town ... | 2 |
| Do. ... | „ Suburbs ... | 1 |
| Ludhiána ... | Ludhiána Town ... | 2 |
| Amritsar ... | Amritsar Town ... | 2 |
| | Total ... | 134 |

*Small-pox.*—From small-pox 282 deaths were registered against 304 in the previous week and 248 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,577 deaths against 8,777 in the previous week and 6,902 in the corresponding week of the past year.

*Bowel complaints.*—From bowel complaints 209 deaths against 213 and 300.

*Chest disease.*—Four hundred and fifty-nine against 528 and 513.

*Snake-bite.*—Thirty against 34 and 42.

*Hydrophobia.*—*Nil* against 0 and 1.

*All other causes.*—One thousand nine hundred and fifty-four against 2,051 in the previous week and 1,955 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand three hundred and seventy deaths were registered in the Province amongst infants under one year of age, of which number 1,309 were males and 1,061 females.

*Births and Deaths in Municipal Towns.*—In the 49 large municipal towns 727 deaths were registered (375 males and 352 females), giving a death-rate of 29 per mille of population; 877 births were registered (494 males and 383 females), giving a birth-rate of 35 per mille of population. The death-rate of the large municipal towns for the week under review is 4·3 per 1,000 less than the average rate for the corresponding week of the five years 1885-89.

LAHORE : *The 22nd July 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 5th JULY 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 8 | 2 | 10 | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 37 | 7 |
| 2 | | Hansi ... | 12.656 | 4 | 3 | 7 | 5 | 4 | 1 | ... | ... | ... | ... | ... | 5 | 2 | ... | 2 | 29 | 21 |
| 3 | | Bhiwani ... | 33,762 | 11 | 11 | 22 | 16 | 12 | 4 | ... | ... | 3 | ... | ... | 13 | 2 | 3 | 5 | 34 | 25 |
| 4 | | Sirsa ... | 12,292 | 8 | 6 | 14 | 7 | 4 | 3 | ... | ... | 4 | ... | ... | 3 | 2 | 1 | 3 | 59 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 5 | 4 | 9 | 11 | 4 | 7 | ... | ... | 9 | 1 | ... | 1 | 1 | 1 | 2 | 30 | 37 |
| 6 | | Jhajjar ... | 11,650 | 6 | 1 | 7 | 3 | 2 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 31 | 13 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 9 | 7 | 16 | 7 | 4 | 3 | ... | ... | 4 | ... | ... | 3 | 2 | 3 | 5 | 34 | 15 |
| 8 | | Palwal ... | 10,635 | 9 | 6 | 15 | 14 | 5 | 9 | 3 | ... | 1 | 2 | ... | 8 | 2 | 6 | 8 | 74 | 69 |
| 9 | Delhi ... | Delhi ... | 117,363 | 50 | 43 | 93 | 68 | 27 | 41 | ... | 2 | 36 | 5 | 1 | 24 | 5 | 10 | 15 | 41 | 30 |
| 10 | | " Suburbs ... | 52,882 | 18 | 10 | 28 | 19 | 10 | 9 | ... | ... | 8 | 3 | ... | 8 | 1 | 3 | 4 | 28 | 19 |
| 11 | | Sonepat ... | 13,077 | 8 | 6 | 14 | 8 | 3 | 5 | ... | ... | 3 | ... | ... | 5 | 3 | 1 | 4 | 56 | 32 |
| 12 | Karnal ... | Karnal ... | 23,133 | 9 | 12 | 21 | 11 | 6 | 5 | ... | 2 | 4 | ... | ... | 5 | 3 | ... | 3 | 47 | 25 |
| 13 | | Kaithal ... | 14,754 | 9 | 5 | 14 | 8 | 7 | 1 | ... | 1 | 2 | 2 | ... | 3 | 4 | ... | 4 | 49 | 28 |
| 14 | | Panipat ... | 26,572 | 9 | 5 | 14 | 12 | 3 | 9 | ... | 1 | 5 | 1 | ... | 5 | 3 | 4 | 7 | 27 | 24 |
| 15 | Umballa ... | Umballa ... | 26,777 | 9 | 8 | 17 | 24 | 10 | 14 | ... | 2 | 11 | 2 | ... | 9 | 3 | 2 | 5 | 33 | 47 |
| 16 | | Jagadhri ... | 12,300 | 6 | 1 | 7 | 8 | 4 | 4 | ... | 1 | 1 | 1 | ... | 5 | 2 | 1 | 3 | 30 | 34 |
| 17 | | Shahabad ... | 10,218 | 2 | 1 | 3 | 7 | 5 | 2 | ... | 1 | 5 | ... | ... | 1 | 1 | ... | 1 | 15 | 36 |
| 18 | | Sadhaura ... | 10,794 | 1 | ... | 1 | 4 | 2 | 2 | ... | ... | 2 | ... | ... | 2 | ... | 1 | 1 | 5 | 19 |
| 19 | | Rupar ... | 10,326 | 4 | 2 | 6 | 4 | 4 | ... | ... | ... | 2 | ... | ... | 2 | ... | ... | ... | 30 | 20 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 3 | 4 | 7 | 12 | 6 | 6 | ... | 1 | 6 | ... | ... | 5 | 1 | 1 | 2 | 28 | 47 |
| 21 | | Tanda and Urmar ... | 10,295 | 2 | 1 | 3 | 6 | 3 | 3 | ... | ... | 4 | 1 | ... | 1 | 1 | 1 | 2 | 15 | 30 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 19 | 21 | 40 | 14 | 6 | 8 | ... | ... | 8 | ... | ... | 6 | 2 | 2 | 4 | 67 | 23 |
| 23 | | " Suburbs ... | 11,474 | 16 | 12 | 28 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | 1 | ... | 1 | 127 | 32 |
| 24 | | Rahon ... | 11,736 | 2 | 7 | 9 | 5 | 3 | 2 | ... | ... | 5 | ... | ... | ... | 1 | ... | 1 | 40 | 22 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 20 | 37 | 11 | 6 | 5 | ... | ... | 9 | ... | ... | 2 | ... | 1 | 1 | 44 | 13 |
| 26 | | Jagraon ... | 16,873 | 10 | 4 | 14 | 6 | 5 | 1 | ... | ... | 2 | ... | ... | 4 | 3 | 1 | 4 | 43 | 19 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 2 | 2 | 4 | 7 | 3 | 4 | ... | ... | 4 | 2 | ... | 1 | 1 | ... | 1 | 10 | 17 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 14 | 13 | 27 | 17 | 10 | 7 | ... | ... | 5 | 4 | 2 | 6 | 4 | 3 | 7 | 44 | 28 |
| 29 | | " Suburbs ... | 25,593 | 5 | 6 | 11 | 9 | 4 | 5 | ... | ... | 4 | 1 | ... | 4 | 2 | 2 | 4 | 22 | 18 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 6 | 2 | 8 | 7 | 5 | 2 | ... | ... | ... | 2 | ... | 5 | 3 | ... | 3 | 33 | 29 |
| 31 | | Chiniot ... | 11,191 | 3 | 4 | 7 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 1 | 33 | 9 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery & Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 33 | 32 | 65 | 52 | 28 | 24 | ... | ... | 35 | 1 | ... | 16 | 3 | 6 | 9 | 35 | 28 |
| 33 | | " Suburbs ... | 41,670 | 8 | 4 | 12 | 13 | 11 | 2 | ... | ... | 8 | ... | ... | 5 | 3 | 1 | 4 | 15 | 16 |
| 34 | | Kasur ... | 17,336 | 1 | 4 | 5 | 3 | 3 | ... | ... | ... | 1 | ... | ... | 2 | 1 | ... | 1 | 15 | 9 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 50 | 45 | 95 | 77 | 38 | 39 | ... | ... | 42 | 3 | 1 | 31 | 11 | 9 | 20 | 34 | 28 |
| 36 | Gurdaspur ... | Batala ... | | Return not received. | | | | | | | | | | | | | | | | |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 16 | 13 | 29 | 8 | 6 | 2 | ... | 1 | 2 | ... | ... | 5 | 1 | ... | 1 | 45 | 12 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 2 | 7 | 6 | 4 | 2 | ... | ... | 2 | ... | ... | 4 | ... | ... | ... | 19 | 17 |
| 39 | | Jalalpur ... | 12,839 | 4 | 8 | 12 | 7 | 3 | 4 | ... | ... | 4 | ... | ... | 3 | ... | 1 | 1 | 49 | 28 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 10 | 12 | 22 | 16 | 8 | 8 | ... | ... | 5 | 1 | ... | 10 | 1 | 2 | 3 | 50 | 36 |
| 41 | | Wazirabad ... | 16,462 | 2 | 5 | 7 | 8 | 2 | 6 | ... | ... | 6 | ... | ... | 2 | 1 | 3 | 4 | 22 | 25 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 3 | 11 | 12 | 5 | 7 | ... | ... | 5 | 2 | ... | 5 | 1 | 2 | 3 | 38 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 4 | 1 | 5 | 7 | 6 | 1 | ... | ... | 4 | 1 | ... | 2 | 3 | ... | 3 | 16 | 22 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | ... | 2 | 4 | 2 | 2 | ... | ... | 2 | 2 | ... | ... | ... | ... | ... | 6 | 12 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 5 | 5 | 10 | 15 | 9 | 6 | ... | ... | 8 | 1 | ... | 6 | ... | 3 | 3 | 19 | 28 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 20 | 14 | 34 | 41 | 19 | 22 | ... | 1 | 27 | ... | ... | 13 | 3 | 5 | 8 | 30 | 36 |
| 47 | Kohat ... | Kohat ... | 13,490 | 2 | 3 | 5 | 10 | 4 | 6 | ... | ... | 7 | 1 | ... | 2 | 1 | 1 | 2 | 19 | 39 |
| 48 | D. I. Khan ... | D. I. Khan ... | 18,988 | 5 | 6 | 11 | 16 | 11 | 5 | ... | ... | 2 | 2 | ... | 12 | 2 | 1 | 3 | 30 | 44 |
| 49 | D. G. Khan ... | D. G. Khan ... | 19,687 | 6 | 3 | 9 | 10 | 5 | 5 | ... | ... | 7 | ... | 1 | 2 | 1 | ... | 1 | 24 | 27 |
| | Birth and death rate of London for the week ending 14th June 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·2 | 16·3 |
| | | Grand Total ... | 1,287,509 | 465 | 389 | 854 | 646 | 337 | 309 | 3 | 13 | 323 | 42 | 5 | 260 | 57 | 82 | 139 | 35 | 26 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... | ... | 12,305 | 1 | ... | 1 | 8 | 3 | 5 | ... | ... | 4 | ... | ... | 4 | ... | 1 | 1 | 6 | 34 |
| | Dharmsala ... ... | ... | 3,839 | ... | ... | ... | 6 | 5 | 1 | 3 | ... | 3 | ... | ... | ... | — | — | — | — | 81 |
| | Dalhousie ... ... | ... | | Return not received. | | | | | | | | | | | | | | | | |
| | Murree ... ... | ... | 2,489 | 2 | ... | 2 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | — | — | — | 42 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

Sanitary Commissioner's Office, Lahore: *The 28th July 1890.*

A. STEPHEN, *Surgeon-Major, Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 5th July 1890.*

*General results.*—The return is incomplete, the registers for the district of Gurdaspur not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 8,902 against 10,027 in the previous week and 8,215 in the corresponding week of the past year, giving, respectively, an annual death-rate of 25·8, 29·0 and 23·8 per 1,000 of population. The registered death-rate is 3·2 per 1,000 less than that of the previous week and is almost exactly the same as the average (25·7) rate of the corresponding week of the five years 1885—89.

*Cholera.*—There were 130 deaths registered under the head of cholera against 134 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... | Palwal Town ... ... ... | 3 |
| Do. ... ... | Rural Circles ... ... ... | 86 |
| Delhi ... ... | Ballabgarh Town ... ... | 9 |
| Do. ... ... | Rural Circles ... ... ... | 18 |
| Umballa ... ... | Thanesar Town ... ... ... | 5 |
| Kangra ... ... | Dharmsala Sanitarium ... ... | 3 |
| Mooltan ... ... | Rural Circle ... ... ... | 6 |
| | Total ... | 130 |

*Small-pox.*—From small-pox 237 deaths were registered against 266 in the previous week and 156 in the corresponding week of the past year.

*Fevers.*—From fevers there were 6,195 deaths against 7,134 in the previous week and 5,702 in the corresponding week of the past year.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 185 deaths against 198 and 257 registered under bowel complaints.

*Chest disease.*—Three hundred and ninety-four against 443 and 399.

*Snake-bite.*—Thirty-five against 30 and 24.

*Hydrophobia.*—Three against *nil* and 3.

*All other Causes.*—One thousand seven hundred and twenty-three against 1,822 in the previous week and 1,558 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand one hundred and seventy-four deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,193 were males and 981 females.

*Births and Deaths in Municipal Towns.*—In the 48 large Municipal towns 646 deaths were registered (337 males and 309 females), giving a death-rate of 26·2 per mille of population; 854 births were registered (465 males and 389 females), giving a birth-rate of 35 per mille of population. The average mortality of these towns for the corresponding week of the five years 1885—89 was at the annual rate of 31·0 per 1,000, so that the registered rate for the week under review is 4·8 per 1,000 under the average.

LAHORE :
*The 28th July* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

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No. 32 of 1890.

# SUPPLEMENT TO THE Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 7, 1890.

## PART I. STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 5th AUGUST 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | Good. | Sufficient. | Stationary. | Sowings progressing. | ... |
| 2 | Delhi ... | 6·19 at Sadr. 6·83 in Ballabgarh. 4·87 in Sonepat. | ... | Fluctuating. | A break of rain would be beneficial for kharif cultivation. | ... |
| 3 | Umballa ... | 9·56 | ... | Stationary. | Excessive rain injuring crops. | ... |
| 4 | Jullundur ... | 2·43 | ... | Do. | Kharif sowings in progress. Condition of standing crops average. | ... |
| 5 | Ferozepore ... | 0·70 in Moga. 0·32 at Sadr. 0·70 in City. 0·30 in Muktsar. 0·16 in Fázilka. 1·07 in Nathána. | Fodder ample. | Do. | Kharif sowings completed. Several flights of locusts passed, but no damage reported. | Rabi ploughings commenced. |
| 6 | Amritsar ... | 0·46 average rain. | Sufficient. | ... | Kharif cultivated. Crops in good condition. Makki under cultivation. Locusts appeared in the district, but did no damage in Amritsar and Tarn Táran Tahsil. Deposited eggs, which are being destroyed. No complaints against canal working. | ... |
| 7 | Siálkot ... | Rain throughout. | Do. | Stationary. | Kharif crops promising. | Rabi ploughings continuing. |
| 8 | Lahore ... | 4·62 | Do. | Do. | Sugar-cane and cotton crops promising. Sowing of kharif crops in progress. A large swarm of locusts passed over Lahore on the 3rd and 4th August, but no report of any damage has yet been received. | Ploughings for rabi in progress. |
| 9 | Mooltan ... | 0·50 at Lodhrán. 0·20 in Mailsi. 0·33 in Kabírwála. 0·10 in Shujabad. | Fodder scarce in Rawa Tahsil, Mooltan. | Do. | Kharif sowings nearly finished. Canals flowing. | ... |
| 10 | Ráwalpindi ... | 2·82 at Ráwalpindi. 0·70 in Attock. 2·40 in Murree. 5·40 in Kahúta. 2·28 in Gujar Khan | Sufficient. | Falling. | Kharif sowings completed. | ... |
| 11 | Shahpur ... | Rainfall occurred in Tahsil Bhera. | Do. | Stationary. | Kharif in fair condition. Rain wanted. | ... |
| 12 | D. I. Khan ... | ... | Fodder-supply good, except in the Thal. | Do. | Condition of cotton and extra rabi crops good. Kharif sowings commenced. | ... |
| 13 | Peshâwar ... | 1·31 | Sufficient. | Do. | Condition of crops average. | ... |

#### *GENERAL REMARKS.*

No rain in Dera Ismail Khan, elsewhere good rainfall throughout. Prices fluctuating at Delhi, fallen at Ráwalpindi, elsewhere stationary. Kharif sowings nearly completed. Rabi ploughings in progress at Ferozepore, Siálkot and Lahore. Excessive rain injuring crops in Umballa. Condition of crops good in Shahpur, Dera Ismail Khan, Lahore, Siálkot, Amritsar; average at Jullundur and Peshâwar. Swarms of locusts passed over Ferozepore, Amritsar and Lahore, but no damage is reported as yet. Fodder scarce in Rawa Tahsil, Mooltan, and Thal in Dera Ismail Khan, elsewhere sufficient.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of July* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 20th July | 0·20 | ... | ... | ... | ... | 1·07 | ... | 1·27 | |
| | Nakodar | 14th Do. | 1·50 | ... | ... | ... | ... | ... | ... | 1·50 | |
| | Phillour | 20th Do. | 1·07 | 1·14 | 0·30 | ... | ... | 0·03 | 2·37 | 4·91 | |
| | Nawashahr | Ditto | 0·52 | ... | 0·01 | ... | ... | ... | 0·09 | 0·62 | |
| Ludhiana. | Samrála | 20th July | 1·75 | ... | ... | ... | ... | 0·25 | 0·41 | 2·41 | |
| | Ludhiána s | Ditto | 2·70 | 0·50 | ... | ... | 2·00 | 1·00 | ... | 6·20 | |
| | Jagraon | Ditto | 1·97 | 0·08 | 0·01 | 0·06 | 0·03 | 1·52 | ... | 3·67 | |
| Ferozepore. | Moga | 18th July | 0·44 | 0·45 | ... | ... | 0·53 | ... | 1·39 | 2·81 | |
| | Zíra | 20th Do. | ... | ... | ... | ... | ... | 1·06 | 0·07 | 1·13 | |
| | Ferozepore | 19th Do. | ... | ... | 0·53 | 0·09 | 0·19 | 1·44 | 0·14 | 2·39 | |
| | Ferozepore city | Ditto | ... | ... | ... | 0·30 | 0·35 | ... | 2·08 | 2·73 | |
| | Muktsar | Ditto | 0·13 | ... | 1·67 | 0·55 | ... | 0·06 | ... | 2·41 | |
| | Fázilka | Ditto | ... | ... | 0·27 | 0·60 | ... | ... | ... | 0·87 | |
| | Natháns | 20th July | ... | ... | 1·08 | ... | 1·02 | 1·02 | ... | 3·12 | |
| | Gobindgarh C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| Mooltan. | Mailsi | 5th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 17th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 4th July | ... | ... | ... | ... | ... | 0·04 | ... | 0·04 | |
| | Jhang s | 17th Do. | ... | ... | ... | ... | 0·28 | ... | ... | 0·28 | |
| | Chiniot | 15th Do. | ... | ... | ... | ... | ... | 0·79 | 0·37 | 1·16 | |
| Montgomery. | Gugera | 11th July | ... | ... | ... | ... | ... | ... | 0·02 | 0·02 | |
| | Montgomery s | 4th Do. | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| | Pákpattan | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 11th Do. | ... | ... | ... | ... | 0·03 | ... | ... | 0·03 | |
| Lahore | Van C b | 20th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | Ditto | ... | ... | ... | ... | ... | 0·70 | ... | 0·70 | |
| | Kasúr | Ditto | ... | ... | ... | 0·28 | 0·12 | 0·92 | 3·18 | 4·50 | |
| | Pambe C | Ditto | 0·10 | ... | ... | 0·10 | ... | 0·65 | 2·20 | 3·05 | |
| | Sharakpur | 19th July | ... | ... | ... | ... | 0·35 | 1·75 | 0·55 | 2·65 | |
| | Niáz Beg C | 7th Do. | 3·15 | ... | ... | ... | 0·75 | ... | 0·70 | 4·60 | |
| | Lahore s | 20th Do. | 0·08 | ... | ... | 0·10 | 0·11 | 0·50 | 0·60 | 1·39 | |
| | Meean Meer C b | Ditto | ... | ... | ... | 0·25 | ... | 1·08 | 0·77 | 2·10 | |
| | Manihála C | Ditto | ... | ... | ... | ... | ... | 0·87 | ... | 0·87 | |
| | Dafthu C b | Ditto | 0·12 | ... | ... | 1·03 | ... | ... | 1·69 | 2·84 | |
| Amritsar. | Buchar C b | 20th July | 0·34 | ... | ... | ... | ... | 1·06 | 0·10 | 1·50 | |
| | Khara C | Ditto | ... | ... | ... | ... | ... | 0·25 | ... | 0·25 | |
| | Tarn Táran | 13th July | ... | ... | ... | ... | 0·20 | ... | 0·24 | 0·44 | |
| | Raya C | 11th Do. | ... | ... | ... | ... | ... | 1·20 | 0·70 | 1·90 | |
| | Jandiála C | 6th Do. | ... | ... | ... | ... | ... | 0·50 | 1·55 | 2·05 | |
| | Jail Hospital s | 20th Do. | ... | ... | ... | 0·55 | ... | 0·15 | 0·52 | 1·22 | |
| | Amritsar Sadr | Ditto | ... | ... | ... | 0·57 | ... | 0·28 | 0·03 | 0·88 | |
| | Amritsar C | Ditto | ... | ... | ... | ... | 0·17 | ... | 0·11 | 0·28 | |
| | Buggeh C | Ditto | ... | ... | ... | 0·30 | ... | 0·45 | ... | 0·75 | |
| | Ajnála | Ditto | ... | ... | ... | ... | 0·09 | 0·38 | ... | 0·47 | |
| Gurdaspur. | Aliwál C | 14th July | ... | ... | ... | ... | 0·16 | ... | 0·41 | 0·59 | |
| | Batála | 20th Do. | ... | ... | ... | 0·23 | ... | 0·37 | 1·75 | 2·35 | |
| | Kaler C | 6th Do. | ... | ... | ... | ... | ... | 0·52 | 0·41 | 0·93 | |
| | Tibri C | 13th Do. | ... | ... | ... | ... | ... | ... | 1·70 | 1·70 | |
| | Gurdáspur s | 20th Do. | ... | ... | ... | ... | ... | 1·37 | 0·48 | 1·85 | |
| | Bhímpur C | 19th Do. | ... | ... | ... | ... | ... | 2·00 | ... | 2·00 | |
| | Patháukot | 20th July | 0·31 | ... | ... | 0·43 | 1·30 | 0·30 | ... | 2·34 | |
| | Dalhousie s | Ditto | 0·19 | 2·17 | 0·34 | 0·61 | 0·38 | 2·00 | 0·37 | 6·06 | |
| | Mádhopur C b | Ditto | ... | 0·30 | ... | ... | 0·25 | 1·50 | ... | 2·05 | |
| | Shakargarh | Ditto | ... | 0·05 | ... | ... | 1·42 | ... | ... | 1·47 | |
| Siálkot. | Zafarwál | 13th July | ... | ... | ... | 0·24 | ... | 0·33 | ... | 0·57 | |
| | Pasrúr | 20th Do. | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Raya | 13th Do. | 0·64 | ... | ... | ... | 0·57 | 0·80 | 0·40 | 2·41 | |
| | Daska | 17th July | ... | 0·11 | 0·20 | ... | ... | 1·50 | ... | 1·81 | |
| | Siálkot s | 13th Do. | ... | ... | 0·16 | ... | ... | 0·31 | ... | 0·47 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of July* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | TOTAL.* | SPECIAL REMARKS. |
| GUJRAT. | Sadr | 17th July | ... | ... | ... | 0·11 | 0·03 | 2·34 | 0·92 | 3·40 | |
| | Gujrát | Ditto | ... | ... | ... | 0·09 | 0·22 | 2·96 | 0·14 | 3·41 | |
| | Khárián | Ditto | ... | ... | ... | 0·20 | 0·02 | 0·55 | 0·13 | 0·90 | |
| | Phália | 15th July | ... | ... | ... | ... | 0·50 | 2·60 | 1·25 | 4·35 | |
| GUJRANWALA. | Rámnagar | 16th July | ... | ... | ... | ... | 0·60 | 0·50 | ... | 1·10 | Frequent showers of rain have improved the present kharif crops Kharif sowings have now been completed. Rabi ploughings are also in progress. Green fodder sufficient. |
| | Wazirabad | 19th Do. | ... | ... | ... | 0·60 | 0·60 | ... | 0·05 | 1·25 | |
| | Sadr Kacheri | Ditto | ... | ... | ... | 0·72 | 0·20 | 0·80 | ... | 1·72 | |
| | Shekhupura | 20th July | ... | ... | ... | ... | ... | 0·20 | 2·80 | 3·00 | |
| | Háfizabad | 16th Do. | ... | ... | ... | ... | 1·95 | 1·20 | ... | 3·15 | |
| | Meluána *C* | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... } * | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... } * | *Statement not received. |
| SHAHPUR. | Midh | 11th July | ... | ... | ... | ... | ... | ... | 0·38 | 0·38 | |
| | Sahiwál | 19th Do. | ... | ... | ... | ... | 0·70 | ... | ... | 0·70 | |
| | Nárpur | 10th Do. | ... | ... | ... | ... | ... | 0·80 | ... | 0·80 | |
| | Mitha Tiwána | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 16th Do. | ... | ... | ... | ... | 0·50 | 1·70 | ... | 2·20 | |
| | Naushahra | 7th Do. | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Khusháb | 19th Do. | ... | 0·10 | 0·04 | ... | ... | 0·37 | ... | 0·51 | |
| | Shahpur | 10th Do. | ... | ... | ... | ... | 0·27 | ... | ... | 0·27 | |
| | Bhera | 16th Do. | ... | ... | ... | 0·86 | | 0·23 | 0·23 | 1·31 | |
| | Miáni | 17th Do. | ... | ... | ... | ... | 0·35 | 0·49 | ... | 0·75 | |
| JHELUM. | Pind Dádan Khan | 20th July | ... | ... | ... | ... | 0·29 | 0·25 | ... | 0·54 | |
| | Sadr Station | Ditto | ... | ... | ... | 0·15 | 2·88 | 0·66 | ... | 3·69 | |
| | Chakwál | Ditto | 0·65 | ... | ... | 0·66 | ... | 1·19 | ... | 2·50 | |
| | Talagang | 17th July | 0·03 | 0·11 | ... | ... | ... | 0·92 | ... | 1·06 | |
| RAWALPINDI. | Pindigheb | 20th July | ... | ... | ... | 0·15 | 0·61 | 0·54 | ... | 1·30 | Rainfall most favourable. |
| | Fatahjang | 16th Do. | 0·10 | ... | ... | 0·80 | 1·20 | ... | ... | 2·10 | |
| | Attock | 14th Do. | ... | 0·20 | ... | 0·40 | ... | 0·70 | 1·00 | 2·30 | |
| | Ráwalpindi | 20th Do. | ... | ... | 5·82 | ... | 4·20 | ... | 0·04 | 10·06 | |
| | Gujar Khan | 15th Do. | ... | ... | 3·96 | 1·08 | 0·08 | ... | ... | 5·12 | |
| | Kahuta | Ditto | 2·38 | ... | 0·58 | ... | 2·02 | ... | 1·88 | 6·86 | |
| | Murree | 20th July | ... | ... | 0·60 | 1·50 | ... | 0·40 | 0·90 | 3·40 | |
| HAZARA. | Abbott-abad | 20th July | 0·13 | 0·10 | R. | 0·40 | 0·56 | 0·15 | 1·04 | 2·38 | |
| | Mansáhra | Ditto | 1·25 | 0·06 | 0·07 | 1·12 | 0·56 | 0·78 | 0·76 | 4·60 | |
| | Haripur | Ditto | ... | ... | ... | 0·90 | ... | 1·14 | ... | 2·04 | |
| PESHAWAR. | Sawábi | 20th July | 1·16 | ... | ... | ... | ... | 0·48 | 0·25 | 1·89 | |
| | Lahore (Utman Bolak) | 16th Do. | ... | ... | ... | ... | 0·49 | ... | 0·32 | 0·81 | |
| | Nowshera | 20th Do. | 0·44 | ... | ... | 0·35 | 0·05 | 0·15 | .. | 0·99 | |
| | Mardán | Ditto | 0·65 | ... | ... | 2·52 | 0·45 | 0·21 | 1·85 | 5·68 | |
| | Katlang | 17th July | 0·79 | ... | ... | 0·39 | ... | 1·50 | 0·50 | 3·18 | |
| | Hashtnagar | 2nd Do | 0·75 | ... | ... | 0·80 | ... | 0·15 | ... | 1·70 | |
| | Doab Daudzai | Ditto | ... | ... | R. | R. | ... | ... | ... | ... | |
| | Peshawar | 5th July | 0·09 | ... | ... | ... | ... | 0·03 | ... | 0·12 | |
| KOHAT. | Kohát | 1st July | D.T.0·20 | ... | ... | ... | D. T. | D. T. | D. T. | 0·20 | |
| | Hangu | 16th Do. | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Thal | 19th Do. | ... | ... | ... | ... | ... | ... | ... | .. | |
| | Karak | 16th Do. | 0·35 | 0·09 | ... | ... | ... | ... | ... | 0·44 | |
| BANNU. | Miánwáli | 5th July | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Isa Khel | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu | 15th Do. | ... | ... | ... | 0·60 | ... | ... | ... | 0·60 | |
| | Marwat | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 11th July | ... | ... | ... | ... | 0·79 | 0·19 | ... | 0·98 | |
| | Kuláchi | 17th Do. | ... | ... | ... | .. | 0·40 | ... | 0·50 | 0·90 | |
| | D. I. Khan | Ditto | ... | ... | ... | ... | 0·37 | ... | 0·06 | 0·43 | |
| | Bhakkar | Ditto | ... | ... | ... | ... | 0·22 | ... | ... | 0·22 | |
| | Leiah | Ditto | 0·21 | ... | ... | ... | ... | ... | 0·24 | 0·45 | |
| DERA GHAZI KHAN. | Sangarh | 17th July | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| | Dera Gházi Khan | 4th Do. | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Fort Munro | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Jampur | 24th April | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 4th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 11th July | ... | ... | ... | ... | ... | 0·12 | ... | 0·12 | |
| | Muzaffargarh | 4th Do. | ... | ... | ... | ... | ... | 0·48 | ... | 0·48 | |
| | Sinánwán | Ditto | ... | ... | ... | ... | ... | ... | ... | | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 9th March* 1890.

Against Fázilka (Ferozepore District) insert in columns 4, 5 and 11, 0·09, 0·09 and 0·18 respectively.

*For the week ending 8th June* 1890.

Against Dasúya (Hoshiárpur District) omit from columns 10 and 11, 0·30 and insert 1·05 respectively.

Against Una (Hoshiárpur District) omit from columns 10 and 11, 0·40 and insert 0·55 respectively.

Against [illegible] (Hoshiárpur District) omit from columns 10 and 11, 0·30 and insert 1·23 respectively.

[illegible] columns 10 and 11, 0·80 and insert 1·41

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 17 | 17 | 22 | 21 | 24 | ... | ... | ... | 9 | 9 | 10 | 21 | 20 | 19 | 21 | 20 | 18 |
| Rohtak ... | 17 | 17 | 17 | 21 | 19 | 24 | ... | ... | ... | 10 | 10 | 10 | 17 | 18 | 24 | 17 | 16 | 20 |
| Gurgaon ... | 17 | 17 | 16 | 21 | 21 | 24 | ... | ... | ... | 10 | 10 | 9 | 19 | 19 | 24 | 19 | 19 | 21 |
| Delhi ... | 16 | 16 | 17 | 21 | 21 | 23 | ... | ... | ... | 13 | 13 | 10 | 17 | 18 | 21 | 17 | 17 | 18 |
| Karnál ... | 17 | 17 | 17 | 24 | 24 | 26 | ... | ... | ... | 11 | 11 | 10 | 22 | 22 | 20 | 16 | 16 | 16 |
| Umballa ... | 20 | 18 | 20 | 23 | 24 | 24 | ... | ... | ... | 11 | 12 | 10 | 26 | 22 | 18 | 18 | 18 | 17 |
| Simla ... | 12 | 12 | 13 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 13 | 13 | 15 | 14 | 13 | 11 |
| Kángra ... | 16 | 16 | 19 | 23 | 23 | 28 | ... | ... | ... | 12 | 12 | 12 | 12 | 12 | 14 | 10 | 10 | 10 |
| Hoshiárpur ... | 20 | 20 | 22 | 28 | 28 | 32 | ... | ... | ... | 10 | 10 | 10 | 23 | 22 | 26 | 20 | 20 | 20 |
| Jullundur ... | 20 | 20 | 20 | 30 | 30 | 30 | ... | ... | ... | 8 | 8 | 8 | 22 | 20 | 24 | 22 | 18 | 20 |
| Ludhiána ... | 20 | 20 | 22 | 26 | 27 | 32 | ... | ... | ... | 12 | 12 | 10 | 26 | 25 | 27 | 22 | 21 | 23 |
| Ferozepore ... | 19 | 19 | 19 | 28 | 30 | 30 | ... | ... | ... | 10 | 10 | 9 | 22 | 21 | 24 | 20 | 20 | 16 |
| Mooltan ... | 16 | 16 | 15 | 27 | 27 | 22 | ... | ... | ... | 12 | 11 | 10 | 21 | 21 | 25 | 20 | 20 | 19 |
| Jhang ... | 17 | 18 | 20 | 26 | 23 | 28 | ... | ... | ... | 9 | 9 | 10 | 16 | 14 | 20 | 16 | 16 | 16 |
| Montgomery... | 17 | 17 | 18 | 24 | 24 | 24 | ... | ... | ... | 12 | 11 | 9 | 16 | 16 | 18 | 16 | 16 | 15 |
| Lahore ... | 18 | 18 | 18 | 25 | 25 | 32 | ... | ... | ... | 11 | 11 | 9 | 24 | 19 | 22 | 18 | 18 | 16 |
| Amritsar ... | 20 | 19 | 21 | 26 | 29 | 30 | ... | ... | ... | 11 | 10 | 10 | 22 | 21 | 27 | 16 | 15 | 15 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 24 | 20 | 18 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 21 | 28 | 27 | 30 | ... | ... | ... | 13 | 13 | 11 | 27 | 25 | 22 | 20 | 20 | 22 |
| Gujrát ... | 20 | 20 | 22 | 30 | 30 | 34 | ... | ... | ... | 11 | 11 | 10 | 26 | 26 | 23 | 24 | 21 | 20 |
| Gujránwála ... | 19 | 19 | 19 | 27 | 27 | 35 | ... | ... | ... | 13 | 13 | 9 | 24 | 19 | 23 | 16 | 16 | 16 |
| Shahpur ... | 20 | 20 | 22 | 27 | 27 | 32 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 21 | 24 | 23 | 20 |
| Jhelum ... | 22 | 20 | 21 | 29 | 30 | 31 | ... | ... | ... | 14 | 12 | 8 | 23 | 22 | 24 | 25 | 22 | 20 |
| Ráwalpindi ... | 19 | 19 | 21 | 33 | 31 | 36 | ... | ... | ... | 9 | 9 | 11 | 40 | 35 | 22 | 28 | 26 | 18 |
| Hazára ... | 20 | 22 | 22 | 33 | 33 | 37 | ... | ... | ... | 10 | 11 | 11 | § | § | § | § | § | 12 |
| Peshávar ... | 19 | 19 | 21 | 37 | 34 | 44 | ... | ... | ... | 10 | 10 | 10 | 30 | 25 | 40 | 24 | 24 | 15 |
| Kohát ... | 22 | 21 | 22 | 35 | 33 | 41 | ... | ... | ... | 15 | 15 | 11 | 23 | 23 | 26 | 32 | 31 | 18 |
| Bannu ... | 28 | 27 | 29 | 51 | 51 | 39 | ... | ... | ... | 13 | 13 | 11 | 50 | 30 | 23 | 38 | 30 | 18 |
| D. I. Khan ... | 21 | 21 | 21 | 37 | 35 | 32 | ... | ... | ... | 8 | 8 | 7 | 28 | 27 | 22 | 29 | 26 | 19 |
| D. G. Khan ... | 17 | 17 | 16 | 23 | 23 | 24 | ... | ... | ... | 8 | 8 | 9 | 25 | 25 | 23 | 24 | 24 | 20 |
| Muzaffargarh | 17 | 17 | 17 | 25 | 25 | 25 | ... | ... | ... | 15 | 15 | 13 | 16 | 16 | 16 | 14 | 16 | 16 |

§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st JULY 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 23 | 23 | 23 | |
| † | † | † | 16 | 16 | 16 | 21 | 20 | 24 | |
| † | † | † | † | † | † | 21 | 21 | 23 | |
| † | † | † | 12 | 12 | 12 | 20 | 20 | 22 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 21 | 25 | |
| 24 | 24 | 20 | 10 | 10 | 10 | 23 | 20 | 27 | |
| 17 | 17 | 22 | 10 | 10 | 8 | 15 | 14 | 16 | |
| 20 | 20 | 25 | 7 | 6 | 8 | 16 | 16 | 20 | |
| 12 | 12 | 12 | 20 | 20 | 24 | 21 | 22 | 29 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 23 | 22 | 28 | |
| † | † | † | 20 | 20 | 21 | 24 | 26 | 29 | |
| † | † | † | 21 | 20 | 16 | 26 | 26 | 28 | |
| † | † | † | 22 | 22 | 25 | 20 | 21 | 22 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 18 | 18 | 20 | |
| § | § | § | 20 | 20 | 28 | 23 | 22 | 24 | |
| § | § | § | 26 | 26 | 22 | 23 | 23 | 28 | |
| † | † | † | 19 | 19 | 25 | 25 | 24 | 27 | |
| † | † | † | 12 | 12 | 12 | 22 | 23 | 24 | |
| § | § | § | 25 | 25 | 19 | 22 | 22 | 27 | |
| † | † | † | 12 | 12 | 12 | 23 | 23 | 27 | |
| † | † | § | 20 | 16 | 20 | 24 | 24 | 28 | |
| 20 | 20 | 20 | 20 | 20 | 20 | 25 | 25 | 30 | |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 22 | 22 | 27 | |
| ‡ | ‡ | ‡ | 16 | 16 | 15 | 22 | 22 | 25 | |
| † | † | † | § | § | 12 | 20 | 20 | 21 | |
| † | † | † | 23 | 22 | 19 | 19 | 20 | 22 | |
| † | † | † | † | † | ‡ | 22 | 23 | 23 | |
| § | § | § | 8 | 8 | 10 | 32 | 32 | 31 | |
| § | § | § | 6 | ‡ | 6 | 27 | 27 | 27 | |
| § | § | § | § | § | § | 20 | 21 | 21 | |
| § | § | § | § | § | § | 20 | 19 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 31st July 1890. | | Past fortnight ending 15th July 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 19 | 19 | 17 | † | † | † | 120 | 120 | 110 | 11 4 | 11 0 | 11 2 | 11 0 | 11 0 | 10 8 |
| Rohtak ... | 16 | 16 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 11 0 | 10 0 | 11 0 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 19 | 19 | 22 | 23 | 23 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 16 | 15 | 20 | 21 | 21 | 25 | 80 | 80 | 80 | 12 0 | 11 0 | 13 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 24 | 24 | 19 | 19 | 20 | 160 | 160 | 160 | 10 0 | 9 8 | 10 0 | 9 8 | 10 8 | 10 0 |
| Umballa ... | 22 | 22 | 32 | 20 | 20 | 20 | 140 | 140 | 120 | 13 0 | 12 0 | 13 0 | 13 0 | 13 0 | 12 8 |
| Simla ... | 14 | 16 | 19 | 9 | 9 | 9 | 65 | 65 | 60 | 9 0 | 8 8 | 8 8 | 8 0 | 9 12 | 8 8 |
| Kángra ... | 18 | 18 | 24 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ‡ | 10 0 |
| Hoshiárpur ... | 24 | 24 | 30 | 14 | 14 | 16 | 95 | 95 | 100 | 13 4 | 13 2 | 13 4 | 13 2 | 13 0 | 12 12 |
| Jullundur ... | 28 | 26 | 32 | ‡ | ‡ | ‡ | 110 | 110 | 90 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 25 | 25 | 32 | 13 | 14 | 14 | 110 | 110 | 110 | 13 0 | 12 8 | 13 0 | 12 0 | 13 0 | 12 8 |
| Ferozepore ... | 21 | 21 | 19 | 12 | 12 | 11 | 100 | 100 | 100 | 13 8 | 13 4 | 13 8 | 13 4 | 13 8 | 13 0 |
| Mooltan ... | 21 | 21 | 25 | † | † | † | 90 | 90 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Jhang ... | 14 | 16 | 16 | 9 | 10 | § | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 16 | 16 | 16 | 8 | 8 | 12 | 250 | 200 | 200 | 12 8 | 12 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Lahore ... | 23 | 20 | 16 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 19 | 19 | 26 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 13 0 | 13 0 |
| Gurdáspur ... | 22 | 22 | 22 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Siálkot ... | 25 | 23 | 22 | 12 | 12 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 26 | 24 | 23 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 27 | 27 | 21 | † | † | § | 105 | 105 | 105 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 25 | 24 | 20 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 27 | 28 | 27 | ‡ | 11 | † | 140 | 130 | 160 | 14 4 | 14 0 | 14 0 | 14 0 | 14 4 | 14 0 |
| Báwalpindi ... | 29 | 28 | 24 | 30 | 30 | 20 | 90 | 85 | 85 | 13 12 | 13 8 | 13 12 | 13 8 | 13 8 | 13 4 |
| Hazára ... | 36 | 32 | 29 | † | † | † | 100 | 100 | 90 | * | 11 0 | * | 11 0 | * | 10 8 |
| Peshawar ... | 33 | 31 | 30 | 28 | 28 | 22 | 105 | 105 | 105 | 42 0 | 40 0 | 43 0 | 41 0 | 40 0 | 38 0 |
| Kohát ... | 34 | 33 | 26 | 20 | 20 | † | 200 | 145 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 56 0 |
| Bannu ... | 51 | 40 | 33 | 15 | 1[illegible] | 13 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | ‡ | ‡ | 16 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 44 0 | 42 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 25 0 | 24 0 | 24 0 | 23 0 | 27 0 | 26 0 |
| Muzaffargarh | § | § | § | 11 | 1[illegible] | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st JULY 1890—concluded.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 7 0 | 8 0 | 12 0 | 6 0 | 6 8 | 5 12 |
| 9 8 | 10 0 | 15 0 | 7 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 8 | 8 0 |
| 7 0 | 7 0 | 8 0 | 7 0 | 7 0 | 7 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 5 0 | 5 0 | 6 8 | † | † | 2 0 |
| | | | | | |
| 6 0 | 6 8 | 10 0 | 7 0 | 7 0 | 8 0 |
| 7 0 | 7 0 | 12 8 | 7 4 | 7 4 | 8 0 |
| 8 0 | 8 0 | 14 0 | 7 0 | 7 0 | 7 0 |
| 8 0 | 8 0 | 12 0 | 8 0 | 7 0 | 8 0 |
| 8 12 | 8 0 | 12 0 | 8 0 | 8 0 | 7 0 |
| | | | | | |
| 8 0 | 8 0 | 12 0 | 8 0 | 8 0 | 6 8 |
| 8 8 | 8 4 | 12 0 | 8 0 | 8 0 | 7 8 |
| 8 4 | 8 4 | 12 0 | 9 0 | 9 0 | 9 0 |
| 7 0 | 7 0 | 11 8 | 8 1 | 8 1 | 7 2 |
| 8 12 | 9 0 | 14 0 | 8 0 | 8 0 | 7 0 |
| 8 8 | 8 8 | 15 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 10 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 7 0 |
| 9 8 | 9 0 | 13 8 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 10 0 | 13 8 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 8 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 7 0 | 7 8 | 8 4 | § | § | § |
| 7 6 | 7 10 | 9 4 | 8 8 | 8 12 | 7 0 |
| 9 8 | 8 8 | 9 0 | 8 12 | 8 12 | 8 8 |
| | | | | | |
| 9 11 | 10 10 | 14 6 | 8 12 | 8 12 | 8 12 |
| 8 3 | 9 12 | 11 0 | ‡ | ‡ | 8 12 |
| 6 9 | 6 9 | 8 7 | 7 8 | 7 8 | 8 0 |
| 8 0 | 7 8 | 11 0 | 8 0 | 8 0 | 8 0 |

### REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 125 seers as compared with 121 seers in last fortnight and 122 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 120 | 140 | 140 |
| Jullundur | ... | 90 | 110 | 110 |
| Montgomery | ... | 200 | 200 | 250 |
| Siálkot | ... | 160 | 120 | 120 |
| Kohát | ... | 125 | 145 | 200 |
| Bannu | ... | 60 | 80 | 80 |

*Lahori Salt.*—Prices average 12 seers 3 chataks as compared with 12 seers 2 chataks in last fortnight and 12 seers 2 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Umballa | ... | 12 8 | 13 0 | 12 0 |
| Hoshiárpur | ... | 12 12 | 13 0 | 13 2 |
| Montgomery | ... | 11 0 | 11 0 | 12 0 |
| Siálkot | ... | 13 0 | 14 0 | 14 0 |

*Kohát Salt.*—Prices average 41 seers 3 chataks as compared with 41 seers 3 chataks in last fortnight and 40 seers 6 chataks in corresponding period of 1889. The following are the chief variations :—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Kohát | ... | 56 | 60 | 60 |
| D. G. Khan | ... | 26 | 23 | 24 |

*Gur.*—Prices average 8 seers 5 chataks as compared with 8 seers 6 chataks in last fortnight and 11 seers 15 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Rohtak | ... | 15 0 | 10 0 | 9 8 |
| Jullundur | ... | 14 0 | 8 0 | 8 0 |
| Gurdáspur | ... | 15 8 | 8 8 | 8 8 |
| Siálkot | ... | 16 0 | 10 0 | 10 0 |
| Peshávar | ... | 9 4 | 7 10 | 7 6 |
| Bannu | ... | 14 6 | 10 10 | 9 11 |

*Cotton (Unginned).*—Prices average 7 seers 15 chataks as compared with 7 seers 15 chataks in last fortnight and 7 seers 11 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Rohtak | ... | 8 0 | 8 0 | 7 0 |
| Ferozepore | ... | 7 0 | 8 0 | 8 0 |
| Mooltan | ... | 6 8 | 8 0 | 8 0 |
| Ráwalpindi | ... | 8 0 | 10 0 | 10 0 |
| Pesháwar | ... | 7 0 | 8 12 | 7 8 |
| D. G. Khan | ... | 8 0 | 7 8 | 7 8 |

† Not produced.
‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bájra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 18 | 22 | 22 | 24 | ... | ... | ... | 14 | 14 | 11 | 18 | 19 | 22 | 18 | 18 | 19 | † | † | † |
| Ferozepore ... | 20 | 19 | 19 | 28 | 30 | 30 | ... | ... | ... | 10 | 10 | 9 | 22 | 21 | 24 | 20 | 20 | 16 | † | † | † |
| Mooltan ... | 17 | 17 | 16 | 28 | 28 | 23 | ... | ... | ... | 13 | 13 | 11 | 22 | 22 | 25 | 21 | 21 | 19 | † | † | † |
| Lahore ... | 19 | 19 | 20 | 26 | 26 | 33 | ... | ... | ... | 11 | 11 | 10 | 25 | 20 | 23 | 19 | 19 | 18 | § | § | § |
| Amritsar ... | 20 | 20 | 21 | 27 | 30 | 31 | ... | ... | ... | 12 | 11 | 10 | 23 | 22 | 28 | 17 | 16 | 15 | † | † | † |
| Peshâwar ... | 20 | 20 | 22 | 38 | 35 | 46 | ... | ... | ... | 11 | 11 | 10 | 31 | 26 | 42 | 25 | 25 | 16 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 31st JULY 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st July 1890. | Past fortnight ending 15th July 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 13 | 13 | 13 | 21 | 21 | 23 | 17 | 16 | 21 | 22 | 22 | 26 | 8 0 | 8 0 | 9 0 | 8 0 | 7 8 | 8 0 | |
| 21 | 20 | 16 | 26 | 26 | 28 | 21 | 21 | 19 | 12 | 12 | 11 | 8 12 | 8 0 | 12 0 | 8 0 | 8 0 | 7 0 | |
| 23 | 23 | 25 | 21 | 21 | 22 | 22 | 22 | 25 | † | † | † | 8 8 | 8 8 | 12 0 | 8 8 | 8 8 | 7 0 | |
| 27 | 27 | 23 | 24 | 23 | 29 | 24 | 21 | 18 | 13 | 13 | 13 | 7 8 | 7 8 | 12 0 | 8 3 | 8 3 | 7 6 | |
| 20 | 20 | 25 | 25 | 24 | 28 | 20 | 20 | 26 | † | † | † | 9 0 | 9 4 | 14 0 | 8 0 | 8 8 | 7 8 | |
| 24 | 23 | 20 | 20 | 21 | 23 | 34 | 32 | 31 | 29 | 29 | 23 | 7 9 | 7 13 | 9 7 | 8 11 | 9 0 | 7 2 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 12th JULY 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhoea. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 2 | 5 | 3 | ... | 3 | ... | ... | 2 | ... | ... | 1 | ... | 1 | 1 | 18 | 11 |
| 2 | | Hansi ... | 12,656 | 8 | 5 | 13 | 6 | 4 | 2 | ... | ... | 2 | ... | ... | 4 | 1 | 1 | 2 | 54 | 25 |
| 3 | | Bhiwani ... | 33,762 | 9 | 12 | 21 | 25 | 17 | 8 | ... | ... | 7 | 3 | ... | 15 | 2 | 5 | 7 | 33 | 39 |
| 4 | | Sirsa ... | 12,292 | 3 | 2 | 5 | 2 | ... | 2 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 21 | 8 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | 6 | 12 | 7 | 4 | 3 | ... | ... | 5 | 1 | ... | 1 | ... | ... | ... | 40 | 23 |
| 6 | | Jhajjar ... | 11,650 | 4 | 4 | 8 | 7 | 4 | 3 | ... | ... | 2 | ... | ... | 5 | 1 | 1 | 2 | 36 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 9 | 11 | 20 | 9 | 3 | 6 | ... | ... | 5 | ... | ... | 4 | ... | 4 | 4 | 43 | 19 |
| 8 | | Palwal ... | 10,635 | 7 | 1 | 8 | 4 | 3 | 1 | ... | ... | 1 | ... | ... | 3 | ... | ... | ... | 39 | 20 |
| 9 | Delhi ... | Delhi ... | 117,363 | 53 | 42 | 95 | 83 | 47 | 36 | ... | 3 | 40 | 8 | 1 | 31 | 8 | 12 | 20 | 42 | 37 |
| 10 | | " Suburbs ... | 52,882 | 26 | 12 | 38 | 9 | 9 | ... | 1 | ... | 6 | ... | ... | 2 | ... | ... | ... | 37 | 9 |
| 11 | | Sonepat ... | 13,077 | 12 | 7 | 19 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | 2 | ... | 2 | 76 | 16 |
| 12 | Karnal ... | Karnal ... | 23,133 | 7 | 6 | 13 | 20 | 5 | 15 | ... | 4 | 10 | 1 | ... | 5 | 2 | 4 | 6 | 29 | 45 |
| 13 | | Kaithal ... | 14,754 | 1 | 7 | 8 | 9 | 5 | 4 | ... | 1 | 4 | 1 | ... | 3 | ... | 2 | 2 | 28 | 32 |
| 14 | | Panipat ... | 26,572 | 11 | 7 | 18 | 12 | 5 | 7 | ... | 1 | 5 | 1 | ... | 5 | 2 | 1 | 3 | 35 | 24 |
| 15 | Umballa ... | Umballa ... | 26,777 | 8 | 5 | 13 | 19 | 8 | 11 | ... | 1 | 9 | 2 | ... | 7 | 1 | ... | 1 | 25 | 37 |
| 16 | | Jagadhri ... | 12,300 | 5 | 3 | 8 | 7 | 6 | 1 | ... | 6 | ... | 1 | ... | ... | 2 | ... | 2 | 34 | 30 |
| 17 | | Shahabad ... | 10,218 | 1 | 3 | 4 | 7 | 5 | 2 | ... | 1 | 6 | ... | ... | ... | 2 | ... | 2 | 20 | 36 |
| 18 | | Sadhaura ... | 10,794 | 5 | 5 | 10 | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | ... | 1 | 1 | 48 | 14 |
| 19 | | Rupar ... | 10,326 | 3 | 5 | 8 | 6 | 4 | 2 | ... | 1 | 4 | ... | ... | 1 | ... | ... | ... | 40 | 30 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 6 | 2 | 8 | 9 | 7 | 2 | ... | ... | 2 | 3 | 1 | 3 | ... | 1 | 1 | 31 | 35 |
| 21 | | Tanda and Urmar ... | 10,295 | 14 | 6 | 20 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | 1 | 2 | 3 | 101 | 30 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 19 | 18 | 37 | 22 | 13 | 9 | ... | ... | 13 | 1 | ... | 8 | 6 | 2 | 8 | 62 | 37 |
| 23 | | " Suburbs ... | 11,474 | 10 | 5 | 15 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | 4 | ... | 4 | 68 | 27 |
| 24 | | Rahon ... | 11,736 | 2 | 3 | 5 | 3 | 2 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 22 | 13 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 26 | 14 | 40 | 19 | 10 | 9 | ... | ... | 13 | ... | ... | 6 | 3 | 3 | 6 | 47 | 22 |
| 26 | | Jagraon ... | 16,873 | 7 | 10 | 17 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | 1 | ... | 1 | 53 | 19 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 4 | 11 | 13 | 6 | 7 | ... | ... | 7 | 1 | ... | 5 | 1 | 1 | 2 | 27 | 32 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 9 | 12 | 21 | 19 | 9 | 10 | ... | ... | 5 | ... | ... | 14 | 3 | 7 | 10 | 34 | 31 |
| 29 | | " Suburbs ... | 25,593 | 7 | 6 | 13 | 17 | 10 | 7 | ... | ... | 8 | 2 | ... | 7 | 5 | 1 | 6 | 27 | 35 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 12 | 5 | 17 | 7 | 6 | 1 | ... | ... | 3 | ... | ... | 4 | 3 | ... | 3 | 70 | 29 |
| 31 | | Chiniot ... | 11,191 | 7 | 7 | 14 | 10 | 7 | 3 | ... | ... | 1 | 1 | ... | 8 | 5 | 3 | 8 | 65 | 47 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Causes of Death. Cholera. | Causes of Death. Small-pox. | Causes of Death. Fever. | Causes of Death. Dysentery and Diarrhœa. | Causes of Death. Injuries. | Causes of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 39 | 29 | 68 | 54 | 26 | 28 | ... | ... | 34 | 4 | 1 | 15 | 5 | 7 | 12 | 36 | 29 |
| 33 | Lahore ... | " Suburbs ... | 41,670 | 9 | 4 | 13 | 17 | 9 | 8 | ... | ... | 7 | 2 | ... | 8 | 4 | 3 | 7 | 16 | 21 |
| 34 | Lahore ... | Kasur ... | 17,336 | 4 | 1 | 5 | 3 | 1 | 2 | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 15 | 9 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 53 | 48 | 101 | 88 | 48 | 40 | ... | ... | 44 | 8 | 1 | 35 | 9 | 10 | 19 | 37 | 32 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 10 | 10 | 20 | 18 | 10 | 8 | ... | ... | 13 | ... | ... | 5 | 2 | 1 | 3 | 43 | 39 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 11 | 12 | 23 | 12 | 6 | 6 | ... | 1 | 5 | 1 | ... | 5 | 2 | ... | 2 | 35 | 18 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 6 | 3 | 9 | 16 | 11 | 5 | ... | ... | 10 | ... | ... | 6 | 1 | 2 | 3 | 25 | 45 |
| 39 | Gujrat ... | Jalalpur ... | 12,839 | 6 | 6 | 12 | 10 | 7 | 3 | ... | ... | 5 | ... | ... | 5 | 1 | ... | 1 | 49 | 41 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 11 | 7 | 18 | 17 | 10 | 7 | ... | ... | 11 | ... | ... | 6 | 7 | 3 | 10 | 41 | 39 |
| 41 | Gujranwala... | Wazirabad ... | 16,462 | 4 | 4 | 8 | 7 | 3 | 4 | ... | ... | 5 | 2 | ... | ... | 1 | 1 | 2 | 25 | 22 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 1 | 7 | 8 | 10 | 3 | 7 | ... | ... | 4 | ... | ... | 6 | 1 | 2 | 3 | 28 | 34 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 4 | 1 | 5 | 6 | 4 | 2 | ... | ... | 3 | ... | ... | 3 | 2 | 1 | 3 | 16 | 19 |
| 44 | Jhelum ... | Pind Dadan Khan ... | 16,724 | 2 | 1 | 3 | 6 | 3 | 3 | ... | ... | 2 | 2 | ... | 2 | ... | 1 | 1 | 9 | 19 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 1 | 1 | 2 | 15 | 5 | 10 | ... | ... | 5 | 2 | ... | 8 | 1 | 2 | 3 | 4 | 28 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 20 | 18 | 38 | 23 | 12 | 11 | ... | ... | 14 | ... | ... | 9 | 1 | ... | 1 | 33 | 20 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 4 | 8 | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 1 | 31 | 8 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 1 | 1 | 2 | 7 | 3 | 4 | | | 1 | ... | ... | 6 | 1 | ... | 1 | 5 | 19 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 5 | 5 | 10 | 10 | 4 | 6 | ... | ... | 3 | 1 | ... | 6 | 1 | 5 | 6 | 27 | 27 |
| | Birth and death rate of London for the week ending 21st June 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·7 | 16·4 |
| | | GRAND TOTAL ... | 1,311,790 | 498 | 399 | 897 | 700 | 380 | 320 | 1 | 19 | 346 | 48 | 4 | 282 | 94 | 91 | 185 | 36 | 28 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 1 | 1 | 2 | 10 | 4 | 6 | ... | 1 | 7 | ... | ... | 2 | ... | ... | ... | 8 | 42 |
| | Dharmsala ... | ... ... ... | 3,839 | 2 | 2 | 4 | 22 | 14 | 8 | 14 | ... | 2 | 2 | ... | 4 | 1 | 1 | 2 | 54 | 279 |
| | Dalhousie ... | ... ... ... | 870 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | — |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 21 |

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 2nd August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 12th July 1890.*

*General results.*—The total deaths registered from all causes in the Province were 9,654 against 9,417 in the previous week and 8,009 in the corresponding week of the past year, giving respectively an annual death-rate of 26·7, 26·1 and 22·2 per 1,000 of population. The death-rate is 0·6 in excess of that of the previous week and is 1·5 per 1,000 in excess of the average rate of the corresponding week of the five years 1885-89.

*Cholera.*—There were 118 deaths registered under the head of cholera against 131 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... | Rural Circles ... | 57 |
| Delhi ... | Delhi Suburbs ... | 1 |
| Do. ... | Ballabgarh Town ... | 2 |
| Do. ... | Rural Circles ... | 4 |
| Umballa ... | Thanesar Town ... | 15 |
| Do. ... | Rural Circle ... | 2 |
| Kángra ... | Dharmsála Sanitarium ... | 14 |
| Do. ... | Rural Circles ... | 16 |
| Hoshiárpur ... | Rural Circle ... | 1 |
| Mooltan ... | Ditto ... | 5 |
| Jhelum ... | Ditto ... | 1 |
| | Total ... | 118 |

*Small-pox.*—From small-pox 223 deaths were registered against 253 in the previous week and 166 in the corresponding week of the past year.

*Fevers.*—From fevers there were 6,602 deaths against 6,565 in the previous week and 5,381 in the corresponding week of the past year.

*Dysentery and Diarrhœa.*—From Dysentery and Diarrhœa 213 deaths against 200 in the previous week and 270 in the corresponding week of the past year, registered under head of Bowel complaints.

*Chest disease.*—Four hundred and fifty against 406 and 387.

*Snake-bite.*—Forty-four against 36 and 39.

*Hydrophobia.*—Five against 3 and *Nil.*

*All other causes.*—One thousand nine hundred and ninety-nine against 1,823 in the previous week and 1,666 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand four hundred and twenty-seven deaths were registered in the Province amongst infants under one year of age, of which number 1,206 were males and 1,221 females.

*Births and Deaths in Municipal Towns.*—In the 49 large municipal towns 700 deaths were registered (380 males and 320 females), giving a death-rate of 28 per mille of population; 897 births were registered (498 males and 399 females), giving a birth-rate of 36 per mille of population.

LAHORE :
*The 2nd August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of June* 1890 *as compared with the same month of the previous year.*

| | STAPLES. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 593 | 1,870 | ... | 1,277 |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 2,990 | 3,286 | ... | 296 |
| | Do., intermediate and half-pressed ... | 159 | 145 | 14 | ... |
| | Do., unpressed ... | 475 | 672 | ... | 197 |
| III | Cotton twist and yarn ... | 368 | 256 | 112 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 1,104 | 1,303 | ... | 199 |
| | (2) Indian ... | 529 | 372 | 157 | ... |
| V | Drugs and medicines ... | 30 | 31 | ... | 1 |
| VI | Dye roots and colours ... | 403 | 346 | 57 | ... |
| VII | Firewood ... | 1,073 | 1,299 | ... | 226 |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 10,212 | 19,960 | ... | 9,748 |
| | (2) Other grains ... | 14,780 | 22,320 | ... | 7,540 |
| IX | Hay and grass ... | 7 | 46 | ... | 39 |
| X | Hides and skins ... | 339 | 370 | ... | 31 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 130 | 185 | ... | 55 |
| | (2) Gunny bags ... | 790 | 1,109 | ... | 319 |
| XII | Leather manufactured ... | 41 | 28 | 13 | ... |
| XIII | Liquors, wines, spirits and beer ... | 214 | 174 | 40 | ... |
| XIV | Machinery ... | 160 | 20 | 140 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,156 | 1,901 | ... | 745 |
| | (2) Brass and Copper ... | 233 | 434 | ... | 201 |
| | (3) Zinc and Spelter ... | 93 | 58 | 35 | ... |
| | (4) Lead ... | 7 | 6 | 1 | ... |
| | (5) Others ... | 332 | 150 | 182 | ... |
| XVI | Military Stores ... | 258 | 404 | ... | 146 |
| XVII | Mowra flowers and seeds ... | 246 | 658 | ... | 412 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 351 | 304 | 47 | ... |
| | (2) Others ... | 270 | 262 | 8 | ... |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 2,078 | 2,436 | ... | 358 |
| | (2) Rape seed ... | 1,593 | 10,227 | ... | 8,634 |
| | (3) Other oil seeds ... | 3,445 | 5,007 | ... | 1,562 |
| XX | Opium ... | 333 | 250 | 83 | ... |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 332 | 448 | ... | 116 |
| | (2) Dried Fruits and Nuts ... | 195 | 298 | ... | 103 |
| | (3) Cocoanuts ... | 342 | 400 | ... | 58 |
| | (4) Oilman stores ... | 27 | 67 | ... | 40 |
| | (5) Fruits, green, and vegetables... | 363 | 467 | ... | 104 |
| | (6) Others ... | 146 | 212 | ... | 66 |
| XXII | Railway material and rolling stock ... | 7,243 | 5,937 | 1,306 | ... |
| XXIII | Salt ... | 30,339 | 34,890 | ... | 4,551 |
| XXIV | Saltpetre ... | 579 | 825 | ... | 246 |
| XXV | Silk, raw and manufactured ... | 10 | 24 | ... | 14 |
| XXVI | Spices ... | 253 | 289 | ... | 36 |
| XXVII | Sugar and jagri ... | 8,596 | 8,479 | 117 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 227 | 259 | ... | 32 |
| | (2) Others ... | 1,293 | 969 | 324 | ... |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 13 | 3 | 10 | ... |
| | (2) Indian ... | 9 | 37 | ... | 28 |
| XXX | Timber ... | 2,254 | 1,367 | 887 | ... |
| XXXI | Tobacco ... | 2,349 | 1,677 | 672 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 299 | 432 | ... | 133 |
| | (2) Piece-goods, woollen ... | 10 | 148 | ... | 138 |
| XXXIII | All other articles ... | 8,862 | 6,335 | 2,527 | ... |
| | Total ... | 1,08,533 | 1,39,447 | 6,732 | 37,646 |
| | *Net* Decrease ... | ... | ... | ... | 30,914 |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The* 19th *July* 1890.

J. W. FORDHAM,
*Acting Chief Auditor and Accountant.*

Punjab Government Press, Lahore—7-8-90—690.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 14, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 12th AUGUST 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | 0·27 at Hissar, 0·55 in Hánsi. 1·90 in Bhiwáni. 0·22 in Fatahabad. 1·04 in Barwála. 0·51 in Sirsa. 3·26 in Budhláda. | Sufficient. | Stationary. | Sowings completed. | ... |
| 2 | Delhi ... | 4·71 at Sadr. 2·36 in Sonepat. 2·13 in Ballabgarh. | ... | Fluctuating. | Kharif prospects good. | ... |
| 3 | Umballa ... | 5·62 | ... | Stationary. | Excessive rain injuring crops. | ... |
| 4 | Jullundur ... | 2·49 | Insufficient. | Do. | Kharif weedings commenced. Condition of standing crops good. | Rabi ploughings commenced. |
| 5 | Ferozepore ... | 4·67 in Moga. 1·50 at Zira. 3·87 at Sadr. 4·28 in City. 3·23 in Fázilka. 1·30 in Nathána | Ample. | Do. | ... | Rabi ploughings in progress. |
| 6 | Amritsar ... | 5·09 average rain. | Sufficient. | ... | Kharif cultivated. Crops in good condition. Makki under cultivation. No complaints against canal working. | Ploughings for rabi commenced. |
| 7 | Siálkot ... | Heavy rain. | Abundant. | Stationary. | Kharif prospects good. Slight damage to maize and cotton near river. | ... |
| 8 | Lahore ... | 0·94 in Sadr. | Sufficient. | Do. | Standing crops good. Sowing kharif crops in progress. | Ploughings for the rabi in progress. |
| 9 | Mooltan ... | 1·29 in Mailsi. 0·50 at Lodhrán. 0·23 in Shujabad. 2·89 at Sadr. 0·70 in Kabírwála. | Plentiful. | Do. | Kharif sowings nearly finished. Canals very full. | ... |
| 10 | Ráwalpindi ... | 3·06 in Attock. 2·30 in Gujar Khan 0·12 in Murree. 5·50 in Fátahjang. | Sufficient. | Falling. | Kharif prospects good. | ... |
| 11 | Shahpur ... | Rainfall occurred in Tahsils Bhera and Khusháb. | Do. | Stationary. | Kharif crops in fair condition. More rain much needed. A flight of locusts passed through district without doing any damage. | ... |
| 12 | D. I. Khan ... | ... | Good, except in Thal. | Do. | Condition of kharif crops good. | ... |
| 13 | Peshávar ... | 0·69 | Sufficient. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

A good rainfall throughout the Province, except Dera Ismail Khan district. Prices fluctuating at Delhi, falling at Ráwalpindi, elsewhere stationary. Kharif sowings nearly finished. Rabi ploughings in progress. More rain much needed in Shahpur. Condition of kharif crops good throughout the Province, except Peshávar, where it is average. Excessive rain injuring crops at Umballa. Slight damage done to maize and cotton near river in Siálkot. A flight of locusts passed over Shahpur without doing any damage. Fodder insufficient at Jullundur, abundant at Ferozepore, Siálkot, Mooltan and Dera Ismail Khan, except Thal, elsewhere sufficient.

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.
*D* = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | | *Week ending 13th July 1890.* | | | | | | | | |
| | | | | Monday 7th. | Tuesday 8th. | Wednesday 9th. | Thursday 10th. | Friday 11th. | Saturday 12th. | Sunday 13th. | | |
| Dera Ghazi Khan. | Fort Munro | s | 5th July ... | ... | ... | R. | ... | R. | ... | 0·16 | 0·16 | |
| | | | | *Week ending 20th July 1890.* | | | | | | | | |
| | | | | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | | |
| Dera Ghazi Khan. | Fort Munro | s | 13th July ... | ... | ... | 1·58 | ... | ... | ... | 0·11 | 1·69 | |
| | | | | *Week ending 27th July 1890.* | | | | | | | | |
| | | | | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | | |
| Simla. | Kilba | s | 18th July ... | ... | 0·75 | 0·41 | 0·34 | ... | 0·47 | 0·07 | 2·04 | |
| Gujranwala. | Meluana | c | 11th July ... | ... | ... | ... | ... | ... | ... | 1·20 | 1·20 | |
| | Shahkot | c | Ditto ... | ... | ... | ... | ... | ... | ... | 1·70 | 1·70 | |
| Dera Ghazi Khan. | Fort Munro | s | 20th July ... | R. | ... | ... | 0·11 | ... | 0·33 | ... | 0·44 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 3rd AUGUST 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Months of July and August 1890. Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 31st. | Friday 1st. | Saturday 2nd. | Sunday 3rd. | Total. | Special Remarks. |
| Hissar. | Sirsa ... | 25th July ... | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | Locusts are still about ; all efforts are made to destroy them. |
| | Fatahabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·34 | 0·34 | |
| | Barwála ... | 26th July ... | ... | ... | ... | ... | ... | 0·64 | 0·07 | 0·71 | |
| | Hissar ... | Ditto ... | ... | ... | ... | ... | ... | 0·47 | ... | 0·47 | |
| | Hánsi ... | Ditto ... | ... | ... | ... | ... | ... | 0·70 | 0·55 | 1·25 | |
| | Bhiwáni ... | Ditto ... | ... | ... | ... | ... | ... | 0·94 | 0·46 | 1·40 | |
| | Budhláda ... | 25th July ... | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Dhaneta C ... | 18th Do. ... | ... | 0·22 | 0·16 | 0·18 | 0·50 | 2·33 | 0·48 | 3·87 | |
| Rohtak. | Rohtak ... | 27th July ... | ... | ... | ... | ... | ... | 1·90 | 1·10 | 3·00 | |
| | Gohána ... | Ditto ... | ... | ... | 0·10 | 0·39 | 0·03 | 3·22 | 0·58 | 4·32 | |
| | Sámpla ... | Ditto ... | ... | ... | ... | ... | ... | 2·51 | 0·56 | 3·07 | |
| | Jhajjar ... | Ditto ... | ... | ... | ... | 0·12 | ... | 2·75 | 0·62 | 3·49 | |
| Gurgaon. | Farukhnagar ... | 26th July ... | ... | ... | ... | ... | ... | 2·78 | ... | 2·78 | |
| | Játusána ... | 25th Do. ... | ... | ... | ... | ... | 1·50 | ... | ... | 1·50 | |
| | Rewári ... | Ditto ... | ... | ... | ... | ... | 1·90 | 0·40 | ... | 2·30 | |
| | Shahjahánpur ... | 24th July ... | ... | ... | ... | ... | 3·10 | 2·20 | 0·20 | 5·50 | |
| | Tauru ... | 25th Do. ... | ... | ... | ... | ... | ... | 3·00 | 0·80 | 3·80 | |
| | Nuh ... | 26th Do. ... | ... | ... | 0·20 | ... | 2·80 | 0·10 | ... | 3·10 | |
| | Firozpur ... | Ditto ... | ... | ... | ... | ... | 1·30 | 0·83 | ... | 2·13 | |
| | Hodal ... | Ditto ... | ... | ... | 0·40 | ... | 1·00 | 0·90 | 0·10 | 2·40 | |
| | Hattín ... | Ditto ... | ... | ... | ... | 0·30 | 1·40 | 1·17 | 0·86 | 3·73 | |
| | Palwal ... | Ditto ... | ... | ... | 0·30 | ... | 1·00 | 2·35 | ... | 3·65 | |
| | Sohna ... | Ditto ... | ... | ... | ... | ... | ... | 2·10 | ... | 2·10 | |
| | Gurgaon ... | 25th July ... | 0·28 | 0·17 | 0·42 | ... | 1·75 | 1·00 | ... | 3·62 | |
| | Punahána ... | Ditto ... | 0·30 | ... | ... | ... | 0·10 | 1·10 | ... | 1·50 | |
| Delhi. | Ballabgarh ... | 25th July ... | ... | 0·52 | 0·33 | ... | 3·43 | 2·27 | 0·28 | 6·83 | |
| | Mahrauli ... | 26th Do. ... | ... | ... | 0·20 | ... | 1·00 | 3·00 | ... | 4·20 | |
| | Sadr (Delhi) ... | Ditto ... | ... | ... | 0·31 | 0·03 | 2·45 | 2·65 | 0·75 | 6·19 | |
| | Sonepat ... | 27th July ... | R. | ... | 0·02 | 0·13 | 0·01 | 3·97 | 0·74 | 4·87 | |
| Karnal. | Pánipat ... | 26th July ... | 0·12 | 0·12 | 0·16 | 0·50 | 3·70 | 1·47 | 3·80 | 9·87 | |
| | Karnál ... | 27th Do. ... | 0·82 | 0·40 | 0·60 | 1·55 | 0·17 | 4·25 | 0·85 | 8·64 | |
| | Rajaund ... | 26th Do. ... | 0·09 | ... | ... | ... | 3·50 | ... | 0·40 | 3·99 | |
| | Kaithal ... | Ditto ... | ... | ... | ... | ... | 2·11 | 1·00 | 1·00 | 4·11 | |
| | Gulah ... | 27th July ... | 0·02 | ... | ... | 0·10 | ... | 3·01 | 0·05 | 3·18 | |
| Umballa. | Pipli ... | 27th July ... | 0·09 | 0·15 | 1·74 | 1·24 | 0·18 | 2·34 | 0·36 | 6·10 | |
| | Jagádhri ... | Ditto ... | 0·64 | ... | 2·70 | 1·80 | ... | 3·50 | 0·72 | 9·36 | |
| | Umballa ... | Ditto ... | 2·78 | 0·03 | 0·77 | 2·66 | 0·04 | 2·62 | 0·66 | 9·56 | |
| | Naráingarh ... | Ditto ... | 2·06 | 0·15 | 2·41 | 2·35 | 0·03 | 1·64 | 0·85 | 9·49 | |
| | Kharar ... | Ditto ... | 0·80 | 0·24 | 1·48 | 1·35 | 2·63 | 0·83 | 1·18 | 8·51 | |
| | Rúpar ... | 20th July ... | 1·54 | 1·39 | 0·82 | 0·97 | 0·93 | 1·34 | 1·28 | 8·27 | |
| | Kotra C ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur C ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | 0·46 | 0·46 | |
| | Raniki C ... | Ditto ... | ... | ... | ... | ... | R. | 1·39 | ... | 1·39 | |
| | Dádupur C ... | Ditto ... | ... | ... | ... | ... | ... | 0·20 | 2·00 | 2·20 | |
| Simla. | Kasauli ... | 27th July ... | 3·30 | 1·55 | 5·30 | 0·09 | 1·96 | 0·90 | 0·90 | 14·00 | |
| | Barauli ... | 25th Do. ... | 1·40 | 1·50 | 2·30 | 2·83 | 0·40 | 0·50 | 1·00 | 9·93 | |
| | Simla ... | 27th Do. ... | 1·04 | 0·53 | 5·25 | 2·80 | 0·09 | 0·30 | 1·57 | 11·58 | |
| | Kot Khái ... | 26th Do. ... | ... | ... | 0·70 | ... | 0·50 | 0·50 | 0·70 | 2·40 | |
| | Kotgarh ... | Ditto ... | ... | ... | 0·70 | ... | 0·50 | 0·50 | 0·70 | 2·40 | |
| | Kilba ... | 27th July ... | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| Kangra. | Plách ... | 27th July ... | 0·05 | 1·45 | 1·65 | 0·04 | 0·05 | 1·50 | 1·41 | 6·15 | |
| | Kulu ... | 26th Do. ... | ... | 0·04 | 2·10 | 0·74 | 0·09 | 0·04 | 0·85 | 3·86 | |
| | Nagar ... | Ditto ... | ... | 0·10 | 0·70 | 0·47 | 0·26 | 0·10 | 0·58 | 2·21 | |
| | Pálampur ... | 27th July ... | 0·80 | 1·78 | 6·67 | 9·70 | 0·17 | 0·96 | 2·15 | 22·23 | |
| | Hamírpur ... | Ditto ... | 0·35 | 1·43 | 3·00 | 2·85 | 0·64 | 0·64 | 2·30 | 11·21 | |
| | Dera ... | Ditto ... | ... | 3·36 | 2·92 | 3·92 | 1·42 | 0·45 | 0·78 | 12·85 | |
| | Kángra ... | 26th July ... | ... | 2·01 | 0·14 | 6·22 | 0·05 | 1·06 | 1·56 | 11·04 | |
| | Dharmsála ... | 27th Do. ... | 1·50 | 0·95 | 1·13 | 10·17 | 1·13 | 1·85 | 2·52 | 19·25 | |
| | Núrpur ... | Ditto ... | ... | 0·40 | 0·11 | 5·10 | 0·35 | 0·52 | 1·38 | 7·86 | |
| Hoshiarpur. | Dasúya ... | 27th July ... | 0·46 | 0·07 | 2·05 | 0·08 | 0·07 | 0·37 | 0·16 | 3·26 | |
| | Una ... | Ditto ... | 1·42 | 0·62 | 1·20 | 0·94 | 0·45 | 1·17 | 0·15 | 5·95 | |
| | Garhshankar ... | 26th July ... | 1·61 | ... | 0·50 | 3·47 | 0·95 | ... | 0·54 | 7·07 | |
| | Sadr Station ... | Ditto ... | 1·95 | ... | 1·45 | 1·66 | 0·37 | 1·06 | 0·12 | 6·61 | |
| | Hoshiárpur ... | 27th July ... | 2·00 | ... | 1·57 | 1·59 | 0·42 | 0·66 | 0·15 | 6·39 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Months of July and August 1890.* | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 31st. | Friday 1st. | Saturday 2nd. | Sunday 3rd. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 26th July ... | ... | ... | 0·40 | 0·09 | ... | 1·71 | 0·23 | 2·43 | Flights of locusts appeared during the week under report in isolated villages in the district, but passed away without doing any noticeable injury to the crops. |
| | Nakodar ... | 21st Do. ... | ... | 1·37 | ... | ... | ... | ... | 1·50 | 2·87 | |
| | Phillour ... | 27th Do. ... | ... | 0·45 | 0·21 | ... | 0·11 | ... | 0·65 | 1·42 | |
| | Nawashahr ... | Ditto ... | ... | 0·29 | 0·04 | 0·01 | 1·60 | 1·84 | 0·32 | 4·10 | |
| Ludhiana. | Samrála ... | 27th July ... | 0·14 | 1·00 | 0·24 | 0·23 | 2·91 | 0·65 | 2·25 | 7·42 | |
| | Ludhiána s | 26th Do. ... | 0·04 | 0·23 | ... | 0·08 | 0·55 | 0·93 | 0·20 | 2·03 | |
| | Jagraon ... | Ditto ... | 0·06 | ... | ... | ... | 0·18 | 0·20 | ... | 0·44 | |
| Ferozepore. | Moga ... | 27th July ... | ... | ... | ... | ... | ... | ... | 0·70 | 0·70 | |
| | Zíra ... | Ditto ... | ... | ... | ... | ... | ... | 0·23 | ... | 0·23 | |
| | Ferozepore ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·32 | 0·32 | |
| | Ferozepore city ... | Ditto ... | R. | ... | ... | ... | ... | 0·58 | 0·12 | 0·70 | |
| | Muktsar ... | 26th July ... | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| | Fázilka ... | 24th Do. ... | ... | ... | ... | ... | ... | 0·16 | ... | 0·16 | |
| | Nathána ... | 26th Do. ... | ... | ... | ... | ... | ... | 1·07 | ... | 1·07 | |
| | Gobindgarh *C* ... | 20th Do. ... | ... | ... | ... | T. | ... | R. | 0·50 | 0·50 | |
| Mooltan. | Mailsi ... | 5th July ... | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Lodhrán ... | 12th Do. ... | ... | ... | ... | ... | ... | 0·50 | 1·30 | 1·80 | |
| | Shujabad ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Mooltan s ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | 17th July ... | ... | ... | ... | ... | ... | ... | 0·33 | 0·33 | |
| Jhang. | Shorkot ... | 26th July ... | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |
| | Jhang s | 25th Do. ... | 0·17 | ... | ... | ... | ... | ... | 0·03 | 0·20 | |
| | Chiniot ... | 27th Do. ... | 0·16 | ... | ... | ... | ... | 0·04 | ... | 0·20 | |
| Montgomery. | Gugera ... | 27th July ... | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Montgomery s | 23rd Do. ... | ... | ... | ... | ... | ... | 0·04 | 0·23 | 0·27 | |
| | Pákpattan ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 25th Do. ... | 0·42 | ... | ... | ... | ... | ... | ... | 0·42 | |
| Lahore. | Van *C* b | 20th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | 26th Do. ... | ... | ... | ... | ... | ... | 0·49 | ... | 0·49 | |
| | Kasúr ... | 27th Do. ... | 1·50 | ... | ... | ... | ... | ... | 0·56 | 2·06 | |
| | Pambe *C* ... | Ditto ... | 0·30 | ... | ... | ... | ... | ... | 0·10 | 0·40 | |
| | Sharakpur ... | Ditto ... | ... | ... | ... | ... | ... | 0·35 | ... | 0·35 | |
| | Niáz Beg *C* ... | Ditto ... | 2·79 | 1·35 | ... | ... | ... | ... | 0·10 | 4·24 | |
| | Lahore * s | Ditto ... | 1·00 | ... | ... | ... | ... | ... | 0·21 | 1·21 | * A large swarm of locusts passed over Lahore on the 3rd and 4th August, but no report of any damage has yet been received. |
| | Meean Meer *C* b | Ditto ... | 0·33 | ... | ... | ... | 0·40 | ... | ... | 0·73 | |
| | Manihála *C* b | 26th July ... | 0·15 | ... | ... | ... | ... | 0·90 | ... | 1·05 | |
| | Dafthu *C* ... | 27th Do. ... | 1·22 | ... | ... | ... | ... | ... | 0·12 | 1·34 | |
| Amritsar. | Buchar *C* b | 27th July ... | 0·23 | ... | ... | ... | ... | 0·26 | 0·15 | 0·64 | |
| | Khara *C* ... | 26th Do. ... | ... | ... | ... | ... | ... | 1·03 | ... | 1·03 | |
| | Tarn Táran ... | 27th Do. ... | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Raya *C* ... | Ditto ... | 0·20 | ... | ... | ... | ... | 0·35 | 0·55 | 1·10 | |
| | Jandiála *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | Ditto ... | ... | ... | ... | ... | 0·10 | 0·10 | 0·15 | 0·35 | |
| | Amritsar Sadr ... | Ditto ... | ... | ... | ... | ... | 0·13 | 0·15 | 0·05 | 0·33 | |
| | Amritsar *C* ... | Ditto ... | ... | ... | ... | ... | ... | 0·32 | 0·03 | 0·35 | |
| | Buggeh *C* ... | 26th July ... | ... | ... | ... | ... | ... | 0·50 | 0·11 | 0·61 | |
| | Ajnála ... | Ditto ... | ... | ... | ... | ... | 0·54 | 0·15 | 0·15 | 0·84 | |
| Gurdaspur. | Aliwál *C* ... | 27th July ... | 1·50 | ... | ... | 0·42 | 0·05 | 0·05 | 0·16 | 2·18 | |
| | Batála ... | Ditto ... | ... | ... | 0·02 | 0·33 | 0·14 | ... | 0·38 | 0·87 | |
| | Kaler *C* ... | Ditto ... | ... | ... | ... | ... | 0·30 | 0·43 | ... | 0·73 | |
| | Tibri *C* ... | Ditto ... | 0·30 | 0·80 | ... | 0·70 | ... | ... | ... | 1·80 | |
| | Gurdaspur s | Ditto ... | 1·00 | 0·09 | 1·44 | ... | 0·15 | 0·10 | ... | 2·78 | |
| | Bhímpur *C* ... | 26th July ... | ... | 2·10 | ... | 3·90 | ... | 0·10 | 0·20 | 6·30 | |
| | Pathánkot ... | Ditto ... | 1·00 | 0·55 | 3·30 | ... | 0·57 | 0·82 | ... | 6·24 | |
| | Dalhousie s | 27th July ... | 0·12 | 0·76 | 0·79 | 4·00 | 1·17 | 1·00 | 2·22 | 10·06 | |
| | Mádhopur *C* b | 26th Do. ... | ... | 2·65 | ... | 4·95 | ... | 1·00 | 1·00 | 9·60 | |
| | Shakargarh ... | 25th Do. ... | 0·05 | 0·20 | 1·50 | ... | 0·33 | ... | ... | 2·08 | |
| Sialkot. | Zafarwál ... | 26th July ... | ... | ... | 0·16 | 0·36 | 0·40 | 0·20 | ... | 1·12 | |
| | Pasrúr ... | Ditto ... | 0·56 | ... | ... | ... | ... | 0·11 | ... | 0·67 | |
| | Raya ... | 27th July ... | ... | ... | ... | 0·11 | ... | 0·45 | ... | 0·56 | |
| | Daska ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | Ditto ... | ... | ... | ... | 0·12 | ... | ... | 0·18 | 0·30 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Months of July and August 1890.* | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 31st. | Friday 1st. | Saturday 2nd. | Sunday 3rd. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 27th July ... | ... | ... | ... | ... | ... | ... | 0·35 | 0·35 | |
| | Gujrát ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·39 | 0·39 | |
| | Khárián ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·21 | 0·21 | |
| | Phália ... | Ditto ... | ... | ... | ... | ... | ... | ... | 1·50 | 1·50 | |
| GUJRANWALA. | Rámnagar ... | 26th July ... | ... | ... | ... | ... | ... | 0·65 | 1·36 | 2·01 | |
| | Wazirabad ... | 27th Do. ... | ... | ... | ... | ... | ... | 0·50 | 1·03 | 1·53 | |
| | Sadr Kacheri s | 26th Do. ... | ... | ... | ... | ... | ... | ... | 0·23 | 0·23 | |
| | Shekhupura ... | 27th Do. ... | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Háfizabad ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Meluána *C* ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | 2·20 | 2·20 | |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 27th July ... | 1·00 | ... | ... | ... | ... | ... | ... | 1·00 | |
| | Sahiwál ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 11th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | 25th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 26th July ... | ... | ... | ... | ... | ... | ... | 0·14 | 0·14 | |
| | Sadr Station s | Ditto ... | 0·03 | ... | ... | ... | ... | ... | 0·20 | 0·23 | |
| | Chakwál ... | Ditto ... | ... | 0·12 | ... | ... | ... | ... | 0·23 | 0·35 | |
| | Talagang ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·61 | 0·61 | |
| RAWALPINDI. | Pindigheb ... | 25th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 25th Do. ... | 0·10 | ... | ... | ... | 0·26 | ... | ... | 0·36 | |
| | Attock ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | 0·70 | 0·70 | |
| | Ráwalpindi s | Ditto ... | ... | 0·14 | ... | 0·20 | ... | 2·48 | ... | 2·82 | |
| | Gujar Khan ... | 25th July ... | ... | 0·79 | ... | 0·02 | ... | 1·42 | 0·05 | 2·28 | |
| | Kahuta ... | 27th Do. ... | 0·54 | ... | 2·50 | 0·23 | 0·86 | 1·15 | 0·12 | 5·40 | |
| | Murree s | Ditto ... | ... | ... | 0·20 | 0·60 | ... | 0·50 | 1·10 | 2·40 | |
| HAZARA. | Abbott-abad s | 27th July ... | 0·12 | R. | 0·23 | 0·10 | 0·21 | 0·04 | 0·94 | 1·64 | |
| | Mansáhra s ... | Ditto ... | 0·44 | ... | 0·34 | 0·07 | 0·10 | 0·07 | 1·52 | 2·54 | |
| | Haripur ... | 26th July ... | ... | ... | 1·32 | ... | 0·20 | ... | 1·40 | 2·92 | |
| PESHAWAR. | Sawábi ... | 27th July ... | ... | ... | ... | ... | ... | ... | 1·03 | 1·03 | |
| | Lahore (Utman Bolak) | Ditto ... | 0·44 | 0·28 | ... | ... | ... | ... | ... | 0·72 | |
| | Nowshera ... | 26th July ... | 0·45 | ... | ... | ... | ... | ... | 0·59 | 1·04 | |
| | Mardán s | 27th Do. ... | 0·18 | ... | ... | ... | ... | ... | 4·00 | 4·18 | |
| | Katlang ... | Ditto ... | ... | ... | ... | ... | ... | ... | 0·54 | 0·54 | |
| | Hashtnagar ... | 26th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | 2nd Do ... | 0·18 | ... | ... | ... | ... | ... | ... | 0·18 | |
| | Peshawar s | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát s | 21st July ... | D. T. | ... | ... | D. T. | ... | ... | ... | ... | |
| | Hangu ... | 25th Do. ... | 0·30 | 0·20 | 0·10 | ... | ... | ... | ... | 0·60 | |
| | Thal ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 22nd Do. ... | 0·92 | ... | ... | ... | ... | ... | ... | 0·92 | |
| BANNU. | Miánwáli ... | 21st July ... | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | Locusts appeared in the Marwat Tahsil but the crops are not damaged. |
| | Isa Khel ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | 17th Do. ... | ... | ... | ... | 0·36 | ... | ... | ... | 0·36 | |
| DERA ISMAIL KHAN. | Tánk ... | 26th July ... | ... | ... | ... | 0·06 | ... | ... | ... | 0·06 | |
| | Kuláchi ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | 25th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 27th Do. ... | 0·34 | ... | ... | ... | ... | ... | ... | 0·34 | |
| DERA GHAZI KHAN. | Sangarh ... | 26th July ... | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Dera Gházi Khan s | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 26th Do. ... | ... | 0·31 | R. | ... | ... | ... | 0·59 | 0·90 | |
| | Jampur ... | 24th April ... | ... | ... | ... | ... | ... | ... | 0·43 | 0·43 | |
| | Rájanpur ... | 4th July ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 11th July ... | ... | ... | ... | ... | ... | R. | 0·31 | 0·31 | |
| | Muzaffargarh s | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF SIMLA FOR THE MONTH OF MAY 1890, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 19th JUNE 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Station. | 1st October to 31st March. | 1st April to 30th May 1890. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th May 1890. | Total. | Condition of crops and health of people. |
| SIMLA. | Kasauli ... | 10 75 | 7·12 | 4 32 | 0·51 | 3·69 | 2·30 | 5·99 | Crops below the average. Health of people good. |
| | Barauli ... | 8·69 | 6·11 | 3·59 | 1·61 | 4·49 | 3·58 | 8·07 | |
| | Simla ... | 11·09 | 7·45 | 4·58 | 2·79 | 3·78 | 5·68 | 9 46 | |
| | Kot Khai ... | 9·73 | 6·63 | 3·97 | 1·58 | 4·22 | 4·82 | 9 04 | |
| | Kotgarh ... | 10·63 | 7·40 | 4·42 | 1·58 | 4·22 | 4·82 | 9·04 | |
| | Kilba ... | ... | 6 02 | 2·51 | 3·46 | 15·31 | 10·56 | 25·87 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF SIMLA FOR THE MONTH OF JUNE 1890, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 17th JULY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | Average rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Station. | 1st October to 31st March. | 1st April to 30th June. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th June 1890. | Total. | Condition of crops and health of people. |
| SIMLA. | Kasauli ... | 10·75 | 14·66 | 7·54 | 5·58 | 3·69 | 7·88 | 11·59 | Good. |
| | Barauli ... | 8·69 | 12·48 | 6 37 | 12·18 | 4·49 | 15·76 | 20·25 | |
| | Simla ... | 11·09 | 15·47 | 8·02 | 7·19 | 3·78 | 12·87 | 16·65 | |
| | Kot Khai ... | 9·73 | 13·12 | 6·49 | 1·69 | 4·22 | 6·51 | 10·73 | |
| | Kotgarh ... | 10·63 | 14·57 | 7·17 | 1·69 | 4·22 | 6·51 | 10·73 | |
| | Kilba ... | ... | 7·55 | 1·53 | 0·86 | 15·31 | 11·42 | 26·73 | |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 19th JULY 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar | Hissar ... | 14,167 | 3 | 5 | 8 | 4 | 2 | 2 | ... | ... | ... | ... | ... | 4 | 2 | 1 | 3 | 29 | 15 |
| 2 | Hissar | Hansi ... | 12,656 | 9 | 4 | 13 | 2 | 2 | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 54 | 8 |
| 3 | Hissar | Bhiwani ... | 33,762 | 11 | 10 | 21 | 26 | 13 | 13 | ... | ... | 8 | 1 | ... | 17 | 2 | 5 | 7 | 33 | 40 |
| 4 | Hissar | Sirsa ... | 12,292 | 4 | 12 | 16 | 4 | 1 | 3 | ... | ... | 4 | ... | ... | ... | 1 | ... | 1 | 68 | 17 |
| 5 | Rohtak | Rohtak ... | 15,699 | 3 | 6 | 9 | 8 | 4 | 4 | ... | ... | 3 | ... | ... | 5 | 1 | 3 | 4 | 30 | 27 |
| 6 | Rohtak | Jhajjar ... | 11,650 | 7 | 6 | 13 | 3 | .. | 3 | ... | ... | 1 | ... | ... | 2 | ... | 2 | 2 | 54 | 13 |
| 7 | Gurgaon | Rewari ... | 24,445 | 12 | 8 | 20 | 13 | 5 | 8 | ... | ... | 6 | 3 | .. | 4 | 2 | 4 | 6 | 43 | 28 |
| 8 | Gurgaon | Palwal ... | 10,635 | 2 | 5 | 7 | 3 | 3 | ... | ... | ... | 1 | 1 | ... | 1 | 1 | ... | 1 | 34 | 15 |
| 9 | Delhi | Delhi ... | 117,363 | 58 | 37 | . 95 | 72 | 33 | 39 | ... | 1 | 31 | 7 | 4 | 29 | 13 | 14 | 27 | 42 | 32 |
| 10 | Delhi | „ Suburbs ... | 52,882 | 28 | 15 | 43 | 10 | 6 | 4 | ... | ... | 8 | 1 | 1 | ... | 1 | 1 | 2 | 42 | 10 |
| 11 | Delhi | Sonepat ... | 13,077 | 5 | 4 | 9 | 10 | 6 | 4 | ... | ... | 8 | 1 | ... | 1 | 2 | ... | 2 | 36 | 40 |
| 12 | Karnal | Karnal ... | 23,133 | 8 | 12 | 20 | 12 | 6 | 6 | ... | 1 | 5 | 1 | ... | 5 | 4 | 1 | 5 | 45 | 27 |
| 13 | Karnal | Kaithal ... | 14,754 | 6 | 3 | 9 | 9 | 3 | 6 | ... | ... | 4 | ... | ... | 5 | 1 | 3 | 4 | 32 | 32 |
| 14 | Karnal | Panipat ... | 26,572 | 14 | 10 | 24 | 7 | 3 | 4 | ... | ... | 1 | 3 | ... | 3 | ... | 2 | 2 | 47 | 14 |
| 15 | Umballa | Umballa ... | 26,777 | 9 | 10 | 19 | 9 | 5 | 4 | ... | 1 | 1 | 2 | .. | 5 | 1 | 2 | 3 | 37 | 18 |
| 16 | Umballa | Jagadhri ... | 12,300 | 4 | 5 | 9 | 10 | 3 | 7 | ... | 2 | 5 | ... | ... | 3 | 2 | 1 | 3 | 38 | 42 |
| 17 | Umballa | Shahabad ... | 10,218 | 2 | 1 | 3 | 4 | 3 | 1 | ... | ... | 4 | ... | ... | ... | 2 | ... | 2 | 15 | 20 |
| 18 | Umballa | Sadhaura ... | 10,794 | 4 | 5 | 9 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | 1 | ... | 1 | 43 | 19 |
| 19 | Umballa | Rupar ... | 10,326 | 7 | 1 | 8 | 3 | 1 | 2 | ... | 1 | 2 | ... | ... | ... | ... | ... | ... | 40 | 15 |
| 20 | Hoshiarpur | Hoshiarpur ... | 13,263 | 2 | 5 | 7 | 5 | 2 | 3 | ... | ... | 1 | ... | ... | 4 | 1 | 1 | 2 | 28 | 20 |
| 21 | Hoshiarpur | Tanda and Urmar ... | 10,295 | 6 | 5 | 11 | 4 | ... | 4 | ... | ... | 3 | ... | ... | 1 | ... | 2 | 2 | 56 | 20 |
| 22 | Jullundur | Jullundur ... | 31,177 | 28 | 17 | 45 | 22 | 13 | 9 | ... | ... | 8 | 5 | ... | 9 | 5 | 6 | 11 | 75 | 37 |
| 23 | Jullundur | „ Suburbs ... | 11,474 | 10 | 10 | 20 | 9 | 2 | 7 | ... | ... | 5 | 2 | ... | 2 | ... | 1 | 1 | 91 | 41 |
| 24 | Jullundur | Rahon ... | 11,736 | 4 | 2 | 6 | 9 | 2 | 7 | ... | ... | 7 | ... | ... | 2 | 1 | 3 | 4 | 27 | 40 |
| 25 | Ludhiana | Ludhiana ... | 44,163 | 20 | 25 | 45 | 22 | 11 | 11 | ... | ... | 20 | ... | ... | 2 | 4 | 3 | 7 | 53 | 26 |
| 26 | Ludhiana | Jagraon ... | 16,873 | 7 | 6 | 13 | 6 | 3 | 3 | ... | ... | 4 | 1 | ... | 1 | 1 | ... | 1 | 40 | 19 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 9 | 3 | 12 | 11 | 8 | 3 | ... | ... | 5 | 1 | ... | 5 | 1 | 1 | 2 | 30 | 27 |
| 28 | Mooltan | Mooltan ... | 31,878 | 18 | 19 | 37 | 22 | 10 | 12 | ... | ... | 10 | 2 | ... | 10 | 4 | 6 | 10 | 61 | 36 |
| 29 | Mooltan | „ Suburbs ... | 25,593 | 14 | 11 | 25 | 12 | 5 | 7 | ... | ... | 4 | 1 | ... | 7 | 2 | 3 | 5 | 51 | 24 |
| 30 | Jhang | Maghiana ... | 12,574 | 8 | 6 | 14 | 4 | 3 | 1 | ... | ... | 3 | ... | ... | 1 | 1 | 1 | 2 | 58 | 16 |
| 31 | Jhang | Chiniot ... | 11,191 | 9 | 8 | 17 | 6 | 2 | 4 | ... | ... | 2 | ... | ... | 4 | 1 | 2 | 3 | 79 | 28 |

WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 40 | 33 | 73 | 48 | 27 | 21 | ... | ... | 27 | 1 | ... | 20 | 8 | 6 | 14 | 39 | 26 |
| 33 | | " Suburbs ... | 41,670 | 11 | 3 | 14 | 17 | 11 | 6 | ... | ... | 7 | 2 | 1 | 7 | 2 | 1 | 3 | 17 | 21 |
| 34 | | Kasur ... | 17,336 | 4 | 2 | 6 | 5 | 4 | 1 | ... | ... | 4 | ... | ... | 1 | 1 | ... | 1 | 18 | 15 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 41 | 44 | 88 | 82 | 42 | 40 | ... | ... | 46 | 4 | ... | 32 | 11 | 13 | 24 | 32 | 30 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 8 | 5 | 13 | 21 | 10 | 11 | ... | ... | 16 | ... | ... | 5 | 2 | 2 | 4 | 28 | 45 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 17 | 14 | 31 | 11 | 5 | 6 | ... | .. | 4 | 2 | ... | 5 | ... | ... | ... | 48 | 17 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 6 | 14 | 7 | 5 | 2 | ... | ... | 5 | ... | ... | 2 | 3 | ... | 3 | 39 | 19 |
| 39 | | Jalalpur ... | 12,839 | 8 | 8 | 16 | 9 | 5 | 4 | ... | ... | 4 | 1 | ... | 4 | 2 | 1 | 3 | 65 | 37 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 8 | 5 | 13 | 17 | 10 | 7 | ... | 1 | 10 | ... | ... | 6 | 3 | ... | 3 | 30 | 39 |
| 41 | | Wazirabad ... | 16,462 | 7 | 6 | 13 | 7 | 3 | 4 | ... | ... | 3 | ... | ... | 4 | 1 | 3 | 4 | 41 | 22 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 8 | 16 | 5 | 3 | 2 | ... | ... | 4 | 1 | ... | ... | 2 | 1 | 3 | 55 | 17 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 7 | ... | 7 | 5 | 3 | 2 | ... | ... | 2 | ... | ... | 3 | 2 | ... | 2 | 22 | 16 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | ... | 2 | 9 | 4 | 5 | ... | ... | 3 | 4 | 1 | 1 | 1 | 1 | 2 | 6 | 28 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 3 | 3 | 6 | 11 | 5 | 6 | ... | ... | 6 | 1 | 1 | 3 | 2 | 2 | 4 | 11 | 21 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 20 | 41 | 34 | 22 | 12 | ... | 1 | 19 | 2 | ... | 12 | 8 | 2 | 10 | 36 | 30 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 5 | 12 | 7 | 5 | 2 | ... | ... | 2 | ... | ... | 5 | 3 | ... | 3 | 46 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 7 | 13 | 12 | 7 | 5 | ... | ... | 4 | 2 | ... | 6 | 1 | 2 | 3 | 36 | 33 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 7 | 2 | 9 | 9 | 5 | 4 | ... | ... | 6 | ... | ... | 3 | ... | 2 | 2 | 24 | 24 |
| | Birth and death rate of London for the week ending 28th June 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·8 | 15·9 |
| | | GRAND TOTAL ... | 1,311,790 | 547 | 447 | 994 | 661 | 338 | 323 | ... | 8 | 340 | 52 | 8 | 253 | 109 | 104 | 213 | 40 | 26 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 1 | ... | 1 | 4 | 1 | 3 | ... | 1 | 3 | ... | ... | ... | ... | ... | ... | 4 | 17 |
| | Dharmsala ... | ... ... ... | 3,839 | 1 | 1 | 2 | 10 | 8 | 2 | 9 | ... | 1 | ... | ... | ... | 2 | ... | 2 | 27 | 136 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | 3 | 3 | ... | ... | ... | 2 | ... | ... | 1 | 1 | ... | 1 | ... | 63 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 9th August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 19th July 1890.*

*General results.*—The total deaths registered from all causes in the Province were 8,761 against 9,654 in the previous week and 8,274 in the corresponding week of the past year, giving respectively an annual death-rate of 24·2, 26·7 and 22·9 per 1,000 of population. The registered death-rate is 2·5 per 1,000 less than it was last week and almost exactly corresponds with 24·1 per 1,000, the average rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 66 deaths registered under the head of cholera against 118 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... | Rural Circles ... | 11 |
| Delhi ... ... | Ballabgarh Town ... | 1 |
| Do. ... ... | Rural Circle ... | 3 |
| Umballa ... ... | Thanesar Town ... | 14 |
| Kangra ... ... | Dharmsála Sanitarium ... | 9 |
| Do. ... ... | Rural Circles ... | 17 |
| Lahore ... ... | Chunian Town ... | 9 |
| Gurdaspur ... ... | Pathankot Town ... | 2 |
| | Total ... | 66 |

*Small-pox.*—From small-pox 203 deaths were registered against 223 in the previous week and 126 in the corresponding week of the past year.

*Fevers.*—From fevers there were 5,987 deaths against 6,602 in the previous week and 5,420 in the corresponding week of the past year.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 214 deaths against 213 and 321 registered under bowel complaints.

*Chest disease.*—Three hundred and sixty against 450 and 389.

*Snake-bite.*—Fifty-seven against 44 and 42.

*Hydrophobia.*—*Nil* against 5 and 2.

*All other causes.*—One thousand eight hundred and seventy-four against 1,999 in the previous week and 1,907 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand three hundred and fifty-three deaths were registered in the Province amongst infants under one year of age, of which number 1,238 were males and 1,115 females.

*Births and Deaths in Municipal Towns.*—In the 49 large municipal towns 661 deaths were registered (338 males and 323 females), giving a death-rate of 26 per mille of population; 994 births were registered (547 males and 447 females), giving a birth-rate of 40 per mille of population. The death-rate of the large municipal towns is 3·9 per 1,000 less than the average rate of the corresponding week of the five years 1885—1889.

LAHORE :
*The 9th August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | Cholera. | | | CAUSE — Small-pox. Children under one year. | | One to under 12 years. | | Twelve and over 12 years. | | Total of Small-pox. | Fevers. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Males. | Females. | Total. | Males. | Females. | Males. | Females. | Males. | Females. | | Males. | Females. | Total. |
| 1 | Hissar ... | 672,569 | 1,583 | 2,332 | 29 | 42 | 24 | 19 | 43 | 4 | 3 | 12 | 16 | ... | 1 | 36 | 1,069 | 789 | 1,858 |
| 2 | Rohtak ... | 553,609 | 1,532 | 1,483 | 34 | 33 | ... | ... | ... | 2 | 5 | 5 | 2 | ... | ... | 14 | 646 | 524 | 1,170 |
| 3 | Gurgaon ... | 641,848 | 1,786 | 2,142 | 34 | 41 | 111 | 59 | 170 | 8 | 2 | 60 | 49 | 1 | ... | 120 | 779 | 651 | 1,430 |
| 4 | Delhi ... | 643,515 | 1,901 | 2,707 | 36 | 51 | 245 | 156 | 401 | 1 | ... | 4 | 7 | 1 | ... | 13 | 827 | 807 | 1,634 |
| 5 | Karnál ... | 645,298 | 2,157 | 2,686 | 41 | 51 | ... | ... | ... | 49 | 37 | 97 | 79 | 1 | 2 | 265 | 977 | 796 | 1,773 |
| 6 | Umballa ... | 1,032,665 | 2,040 | 2,536 | 24 | 30 | 17 | 17 | 34 | 22 | 22 | 83 | 65 | 19 | 11 | 222 | 1,029 | 828 | 1,857 |
| 7 | Simla ... | 42,945 | 51 | 73 | 14 | 21 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 2 | 24 | 13 | 37 |
| 8 | Kángra ... | 730,845 | 2,121 | 2,311 | 35 | 38 | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | 916 | 780 | 1,696 |
| 9 | Hoshiárpur | 901,381 | 2,643 | 2,409 | 36 | 33 | 3 | ... | 3 | 1 | 2 | 8 | 6 | ... | ... | 17 | 947 | 911 | 1,858 |
| 10 | Jullundur ... | 789,555 | 2,767 | 2,293 | 43 | 35 | ... | ... | ... | 2 | 1 | 1 | 1 | 1 | ... | 6 | 939 | 797 | 1,736 |
| 11 | Ludhiána ... | 618,835 | 1,832 | 1,843 | 36 | 36 | ... | 2 | 2 | 4 | 2 | 28 | 17 | 2 | 1 | 54 | 742 | 640 | 1,382 |
| 12 | Ferozepore | 747,329 | 2,155 | 2,494 | 35 | 41 | ... | ... | ... | 5 | 2 | 26 | 23 | 6 | 5 | 67 | 1,098 | 774 | 1,872 |
| 13 | Mooltan ... | 551,964 | 1,290 | 1,125 | 28 | 25 | ... | ... | ... | ... | ... | 3 | 2 | ... | ... | 5 | 433 | 370 | 803 |
| 14 | Jhang ... | 395,296 | 1,242 | 820 | 38 | 25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 297 | 209 | 506 |
| 15 | Montgomery | 426,529 | 1,271 | 853 | 36 | 24 | ... | ... | ... | 2 | 4 | 10 | 8 | ... | 1 | 25 | 277 | 224 | 501 |
| 16 | Lahore ... | 924,106 | 2,393 | 2,567 | 32 | 34 | ... | ... | ... | 7 | 8 | 32 | 17 | ... | 3 | 67 | 979 | 813 | 1,792 |
| 17 | Amritsar ... | 893,266 | 2,625 | 3,058 | 36 | 42 | 1 | ... | 1 | 8 | 4 | 22 | 19 | 2 | 1 | 56 | 1,154 | 965 | 2,119 |
| 18 | Gurdáspur | 823,695 | 2,504 | 3,262 | 37 | 48 | 1 | 1 | 2 | 11 | 7 | 22 | 19 | 52 | 46 | 157 | 1,274 | 1,036 | 2,310 |
| 19 | Siálkot ... | 1,012,148 | 3,525 | 3,813 | 42 | 46 | 2 | 1 | 3 | 26 | 19 | 88 | 85 | 3 | 18 | 239 | 1,236 | 1,092 | 2,328 |
| 20 | Gujrát ... | 689,115 | 2,011 | 1,947 | 36 | 34 | ... | ... | ... | 9 | 6 | 24 | 16 | 2 | ... | 57 | 726 | 666 | 1,392 |
| 21 | Gujránwála | 616,892 | 1,532 | 1,804 | 30 | 36 | ... | ... | ... | 1 | 2 | 3 | 6 | ... | ... | 12 | 788 | 646 | 1,434 |
| 22 | Shahpur ... | 421,508 | 1,436 | 880 | 41 | 25 | ... | ... | ... | ... | 1 | 3 | 1 | 1 | 1 | 7 | 288 | 275 | 563 |
| 23 | Jhelum ... | 589,373 | 1,289 | 1,230 | 27 | 25 | ... | ... | ... | 3 | 1 | 4 | 4 | 2 | 3 | 17 | 494 | 472 | 966 |
| 24 | Rawalpindi | 820,512 | 1,672 | 2,116 | 25 | 31 | ... | ... | ... | 1 | 1 | 5 | 7 | ... | ... | 14 | 924 | 819 | 1,743 |
| 25 | Hazára ... | 407,075 | 1,17[illegible] | 796 | 35 | 24 | 2 | ... | 2 | 1 | ... | ... | 2 | ... | ... | 3 | 324 | 339 | 663 |
| 26 | Peshávar ... | 592,674 | 60 | 890 | 12 | 18 | ... | ... | ... | 2 | 4 | 13 | 10 | 1 | ... | 30 | 397 | 360 | 757 |
| 27 | Kohát ... | 181,540 | 306 | 380 | 21 | 25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 170 | 190 | 360 |
| 28 | Bannu ... | 332,577 | 427 | 623 | 16 | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 303 | 265 | 568 |
| 29 | D. I. Khan | 441,649 | 457 | 1,227 | 13 | 34 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 593 | 526 | 1,119 |
| 30 | D. G. Khan | 363,846 | 456 | 631 | 15 | 21 | ... | ... | ... | ... | ... | 5 | 4 | 1 | 1 | 11 | 326 | 254 | 580 |
| 31 | Muzaffargarh | 338,605 | 706 | 791 | 25 | 28 | ... | ... | ... | 1 | 1 | 2 | 2 | 1 | ... | 7 | 403 | 344 | 747 |
| | TOTAL ... | 18,842,264 | 49,489 | 54,131 | 32 | 35 | 406 | 255 | 661 | 170 | 134 | 560 | 467 | 99 | 95 | 1,525 | 21,379 | 18,175 | 39,554 |
| | Total in previous month ... | ... | 48,556 | 59,638 | 30 | 37 | 43 | 20 | 63 | 184 | 147 | 578 | 462 | 46 | 37 | 1,454 | 23,720 | 20,790 | 44,510 |
| | Total in same month of past year ... | ... | 49,063 | 42,112 | 32 | 27 | 266 | 148 | 414 | 150 | 139 | 307 | 260 | 52 | 49 | 957 | 15,565 | 13,934 | 29,499 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 5th August* 1890.

THE MONTH OF JUNE 1890.

*the Punjab during the month of June 1890.*

OF DEATH.

| *Dysentery and Diarrhœa.* | | | INJURIES. | | | | | | | | | | | | | *All other causes.* | | | TOTAL DEATHS FROM ALL CAUSES. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | *Suicide.* | | | *Wounding.* | | | *Accidents.* | | | *Snake-bite and killed by wild beasts.* | | | | | | | | |
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 28 | 26 | 54 | ... | 1 | 1 | ... | ... | ... | 7 | 4 | 11 | 1 | 1 | 2 | 196 | 131 | 327 | 1,341 | 991 | 2,332 |
| 10 | 3 | 13 | 1 | 3 | 4 | ... | ... | ... | 4 | 7 | 11 | 2 | 4 | 6 | 142 | 123 | 265 | 812 | 671 | 1,483 |
| 43 | 27 | 70 | 1 | 8 | 9 | 1 | ... | 1 | 6 | 10 | 16 | 1 | 5 | 6 | 181 | 139 | 320 | 1,192 | 950 | 2,142 |
| 29 | 17 | 46 | ... | 2 | 2 | 3 | ... | 3 | 13 | 14 | 27 | 3 | 4 | 7 | 338 | 236 | 574 | 1,464 | 1,243 | 2,707 |
| 40 | 29 | 69 | ... | ... | ... | 1 | ... | 1 | 11 | ... | 11 | ... | 2 | 2 | 327 | 238 | 565 | 1,503 | 1,183 | 2,686 |
| 39 | 21 | 60 | 3 | ... | 3 | 1 | ... | 1 | 12 | 6 | 18 | 5 | 3 | 8 | 185 | 148 | 333 | 1,415 | 1,121 | 2,536 |
| 2 | 5 | 7 | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 16 | 10 | 26 | 45 | 28 | 73 |
| 66 | 74 | 140 | 2 | ... | 2 | ... | 1 | 1 | 13 | 8 | 21 | 3 | 2 | 5 | 220 | 224 | 444 | 1,221 | 1,090 | 2,311 |
| 28 | 23 | 51 | 1 | 4 | 5 | 1 | ... | 1 | 18 | 14 | 32 | 3 | 6 | 9 | 256 | 177 | 433 | 1,266 | 1,143 | 2,409 |
| 21 | 14 | 35 | 1 | ... | 1 | 1 | ... | 1 | 12 | 11 | 23 | 2 | ... | 2 | 242 | 247 | 489 | 1,222 | 1,071 | 2,293 |
| 5 | 7 | 12 | 1 | ... | 1 | ... | ... | ... | 10 | 4 | 14 | 1 | ... | 1 | 207 | 170 | 377 | 1,000 | 843 | 1,843 |
| 13 | 12 | 25 | 3 | ... | 3 | 1 | ... | 1 | 8 | 1 | 9 | 2 | ... | 2 | 272 | 243 | 515 | 1,434 | 1,060 | 2,494 |
| 18 | 8 | 26 | ... | ... | ... | ... | ... | ... | 16 | 16 | 32 | 4 | 3 | 7 | 139 | 113 | 252 | 613 | 512 | 1,125 |
| 6 | 4 | 10 | ... | ... | ... | ... | ... | ... | 9 | 9 | 18 | 3 | 1 | 4 | 164 | 118 | 282 | 479 | 341 | 820 |
| 3 | 2 | 5 | ... | ... | ... | ... | 1 | 1 | 8 | 2 | 10 | 6 | 1 | 7 | 161 | 143 | 304 | 467 | 386 | 853 |
| 15 | 7 | 22 | ... | 3 | 3 | 1 | ... | 1 | 17 | 14 | 31 | 4 | 1 | 5 | 354 | 291 | 645 | 1,410 | 1,157 | 2,567 |
| 24 | 13 | 37 | 2 | 2 | 4 | ... | 1 | 1 | 40 | 14 | 54 | 1 | ... | 1 | 425 | 359 | 784 | 1,679 | 1,379 | 3,058 |
| 29 | 23 | 52 | ... | 1 | 1 | ... | ... | ... | 15 | 9 | 24 | 1 | 1 | 2 | 393 | 320 | 713 | 1,799 | 1,463 | 3,262 |
| 45 | 36 | 81 | ... | 1 | 1 | 1 | ... | 1 | 12 | 12 | 24 | 6 | ... | 6 | 631 | 502 | 1,133 | 2,048 | 1,765 | 3,813 |
| 11 | 5 | 16 | 1 | ... | 1 | 2 | ... | 2 | 7 | 9 | 16 | ... | ... | ... | 239 | 224 | 463 | 1,021 | 926 | 1,947 |
| 19 | 9 | 28 | ... | ... | ... | ... | ... | ... | 14 | 6 | 20 | 6 | ... | 6 | 182 | 122 | 304 | 1,013 | 791 | 1,804 |
| 7 | 7 | 14 | ... | ... | ... | 4 | 1 | 5 | 4 | 2 | 6 | 6 | 3 | 9 | 161 | 115 | 276 | 474 | 406 | 880 |
| 6 | 4 | 10 | ... | ... | ... | 1 | 2 | 3 | 5 | 3 | 8 | 9 | 1 | 10 | 128 | 88 | 216 | 652 | 578 | 1,230 |
| 5 | 4 | 9 | ... | 1 | 1 | 6 | 1 | 7 | 17 | 9 | 26 | 2 | 1 | 3 | 180 | 131 | 311 | 1,142 | 974 | 2,116 |
| 10 | 10 | 20 | ... | ... | ... | ... | ... | ... | 6 | 3 | 9 | ... | ... | ... | 60 | 41 | 101 | 401 | 395 | 796 |
| 3 | 1 | 4 | ... | ... | ... | 4 | ... | 4 | 3 | 4 | 7 | 1 | ... | 1 | 56 | 40 | 96 | 480 | 419 | 899 |
| 1 | ... | 1 | ... | ... | ... | 5 | ... | 5 | 1 | ... | 1 | ... | ... | ... | 5 | 8 | 13 | 182 | 198 | 380 |
| 7 | ... | 7 | ... | ... | ... | 3 | ... | 3 | 3 | ... | 3 | 2 | ... | 2 | 25 | 15 | 40 | 343 | 280 | 623 |
| 5 | 5 | 10 | ... | ... | ... | ... | ... | ... | 2 | 2 | 4 | 2 | ... | 2 | 49 | 43 | 92 | 651 | 576 | 1,227 |
| 3 | 1 | 4 | ... | 1 | 1 | ... | ... | ... | 2 | 1 | 3 | 1 | 1 | 2 | 20 | 10 | 30 | 358 | 273 | 631 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 | 3 | 8 | 6 | ... | 6 | 15 | 8 | 23 | 433 | 358 | 791 |
| 541 | 397 | 938 | 16 | 27 | 43 | 36 | 7 | 43 | 301 | 197 | 498 | 83 | 40 | 123 | 5,969 | 4,777 | 10,746 | 29,560 | 24,571 | 54,131 |
| 814 | 535 | 1349 | 13 | 29 | 42 | 28 | 7 | 35 | 224 | 126 | 350 | 36 | 20 | 56 | 6,546 | 5,233 | 11,779 | 32,232 | 27,406 | 59,638 |
| 766 | 570 | 1336 | 17 | 20 | 37 | 31 | 7 | 38 | 296 | 182 | 478 | 83 | 48 | 131 | 4,993 | 4,229 | 9,222 | 22,526 | 19,586 | 42,112 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Forty-nine thousand four hundred and eighty-nine births were registered in the Province during the month of June 1890, giving a birth-rate of 32 per mille of population. Of the total number of births, 26,698 were boys and 22,791 were girls.

The total number of deaths registered from all causes in the Province during the month of June 1890 was 54,131 against 59,638 in the previous month and 42,112 in the corresponding month of the past year, giving an annual death-rate of 35, 37 and 27 per mille of population per annum respectively.

There were 661 deaths registered under the head of cholera.

From small-pox 1,525 deaths were registered against 1,454 in the previous month and 957 in the corresponding month of the past year; fevers 39,554 against 44,510 and 29,499. The average number of fever deaths registered during the month of June for the five years 1885—1889 was 28,929, or 10,625 less than the number registered during the month under review. Dysentery and diarrhœa 938 against 1,349 and 1,336 registered under bowel complaints.

During the month there were 43 deaths registered from suicide against 42 in the past month; wounding 43 against 35; accidents 498 against 350; snake-bite and killed by wild beasts 123 against 56; and from all other causes 10,746 against 11,779 and 9,222 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 5th August 1890.*

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

***Statement showing the Number of Births registered according to Classes in the several Districts of the Punjab during the month of June* 1890.**

| No. | Districts. | Christians. Boys. | Christians. Girls. | Christians. Total. | Hindus. Boys. | Hindus. Girls. | Hindus. Total. | Muhammadans. Boys. | Muhammadans. Girls. | Muhammadans. Total. | Other Classes. Boys. | Other Classes. Girls. | Other Classes. Total. | Total. Boys. | Total. Girls. | Total. Total. | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | ... | ... | 638 | 482 | 1,120 | 264 | 199 | 463 | ... | ... | ... | 902 | 681 | 1,583 | 29 |
| 2 | Rohtak ... | ... | ... | ... | 715 | 611 | 1,326 | 106 | 100 | 206 | ... | ... | ... | 821 | 711 | 1,532 | 34 |
| 3 | Gurgaon ... | ... | ... | ... | 653 | 547 | 1,200 | 305 | 281 | 586 | ... | ... | ... | 958 | 828 | 1,786 | 34 |
| 4 | Delhi ... | ... | 2 | 2 | 744 | 702 | 1,446 | 259 | 194 | 453 | ... | ... | ... | 1,003 | 898 | 1,901 | 36 |
| 5 | Karnál ... | ... | ... | ... | 865 | 756 | 1,621 | 293 | 243 | 536 | ... | ... | ... | 1,158 | 999 | 2,157 | 41 |
| 6 | Umballa ... | ... | ... | ... | 815 | 635 | 1,450 | 309 | 281 | 590 | ... | ... | ... | 1,124 | 916 | 2,040 | 24 |
| 7 | Simla ... | ... | ... | ... | 23 | 16 | 39 | 4 | 8 | 12 | ... | ... | ... | 27 | 24 | 51 | 14 |
| 8 | Kángra ... | ... | 1 | 1 | 1,034 | 983 | 2,017 | 50 | 53 | 103 | ... | ... | ... | 1,084 | 1,037 | 2,121 | 35 |
| 9 | Hoshiárpur ... | ... | ... | ... | 912 | 848 | 1,760 | 472 | 411 | 883 | ... | ... | ... | 1,384 | 1,259 | 2,643 | 36 |
| 10 | Jullundur ... | ... | ... | ... | 737 | 659 | 1,396 | 743 | 628 | 1,371 | ... | ... | ... | 1,480 | 1,287 | 2,767 | 43 |
| 11 | Ludhiána ... | ... | ... | ... | 613 | 526 | 1,139 | 362 | 331 | 693 | ... | ... | ... | 975 | 857 | 1,832 | 36 |
| 12 | Ferozepore ... | ... | ... | ... | 568 | 481 | 1,049 | 598 | 508 | 1,106 | ... | ... | ... | 1,166 | 989 | 2,155 | 35 |
| 13 | Mooltan ... | ... | ... | ... | 125 | 95 | 220 | 595 | 475 | 1,070 | ... | ... | ... | 720 | 570 | 1,290 | 28 |
| 14 | Jhang ... | ... | ... | ... | 121 | 92 | 213 | 564 | 465 | 1,029 | ... | ... | ... | 685 | 557 | 1,242 | 38 |
| 15 | Montgomery ... | ... | ... | ... | 170 | 121 | 291 | 508 | 472 | 980 | ... | ... | ... | 678 | 593 | 1,271 | 36 |
| 16 | Lahore .. | ... | ... | ... | 366 | 269 | 635 | 909 | 848 | 1,757 | 1 | ... | 1 | 1,276 | 1,117 | 2,393 | 32 |
| 17 | Amritsar ... | 1 | ... | 1 | 701 | 582 | 1,283 | 717 | 624 | 1,341 | ... | ... | ... | 1,419 | 1,206 | 2,625 | 36 |
| 18 | Gurdáspur ... | ... | ... | ... | 649 | 591 | 1,240 | 641 | 622 | 1,263 | 1 | ... | 1 | 1,291 | 1,213 | 2,504 | 37 |
| 19 | Siálkot .. | 5 | 5 | 10 | 535 | 465 | 1,000 | 1,381 | 1,134 | 2,515 | ... | ... | ... | 1,921 | 1,604 | 3,525 | 42 |
| 20 | Gujrát ... | ... | ... | ... | 113 | 87 | 200 | 939 | 867 | 1,806 | 5 | ... | 5 | 1,057 | 954 | 2,011 | 36 |
| 21 | Gujránwála ... | ... | ... | ... | 196 | 160 | 356 | 657 | 519 | 1,176 | ... | ... | ... | 853 | 679 | 1,532 | 30 |
| 22 | Shahpur ... | ... | ... | ... | 114 | 91 | 205 | 662 | 568 | 1,230 | 1 | ... | 1 | 777 | 659 | 1,436 | 41 |
| 23 | Jhelum ... | ... | ... | ... | 62 | 50 | 112 | 614 | 563 | 1,177 | ... | ... | ... | 676 | 613 | 1,289 | 27 |
| 24 | Ráwalpindi ... | ... | ... | ... | 58 | 73 | 131 | 839 | 702 | 1,541 | ... | ... | | 897 | 775 | 1,672 | 25 |
| 25 | Hazára ... | ... | ... | ... | 19 | 29 | 48 | 602 | 528 | 1,130 | ... | ... | ... | 621 | 557 | 1,178 | 35 |
| 26 | Peshávar ... | ... | ... | ... | 13 | 9 | 22 | 370 | 205 | 575 | 3 | 1 | 4 | 386 | 215 | 601 | 12 |
| 27 | Kohát ... | ... | ... | ... | 8 | 4 | 12 | 157 | 137 | 294 | ... | ... | ... | 165 | 141 | 306 | 21 |
| 28 | Bannu ... | ... | ... | ... | 36 | 14 | 50 | 220 | 157 | 377 | ... | ... | ... | 256 | 171 | 427 | 16 |
| 29 | Dera Ismail Khan | ... | ... | ... | 41 | 21 | 62 | 237 | 158 | 395 | ... | ... | ... | 278 | 179 | 457 | 13 |
| 30 | Dera Gházi Khan | ... | ... | ... | 46 | 31 | 77 | 233 | 146 | 379 | ... | ... | ... | 279 | 177 | 456 | 15 |
| 31 | Muzaffargarh ... | ... | ... | ... | 38 | 42 | 80 | 342 | 283 | 625 | 1 | ... | 1 | 381 | 325 | 706 | 25 |
| | Total ... | 6 | 8 | 14 | 11,728 | 10,072 | 21,800 | 14,952 | 12,710 | 27,662 | 12 | 1 | 13 | 26,698 | 22,791 | 49,489 | 32 |

Sanitary Commissioner's Office,
Lahore:
*The 5th August* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF JUNE 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | *Optional.* Relating to immoveable property. | *Optional.* Others. | Rs. | Rs. | |
| June 1890 ... ... ... | 9,827 | 1,456 | 1,075 | 34,603 | 8,094 | |
| June 1889 ... ... ... | 8,231 | 1,323 | 881 | 29,008 | 6,174 | |
| Difference ... ... | + 1,596 | + 133 | + 194 | + 5,595 | + 1,920 | |
| First 3 months of 1890-91... ... | 19,378 | 2,812 | 2,546 | 70,277 | 19,216 | |
| First 3 months of 1889-90... ... | 16,786 | 2,602 | 2,411 | 61,564 | 20,774 | |
| Difference ... ... | + 2,592 | + 210 | + 135 | + 8,713 | − 1,558 | |

Office of Inspector-General of Registration, Punjab,
Lahore:
*The 30th July* 1890.

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—14-8-90—690.

No. 34 of 1890.

# SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

**Published by Authority.**

LAHORE, THURSDAY, AUGUST 21, 1890.

## PART I.
## STATISTICAL.

**WEATHER AND CROP REPORT FOR WEEK ENDING 19th AUGUST 1890**

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·80 at Hánsi, 0·25 Bhiwani, 0·63 Barwála. | Sufficient. | Stationary. | Kharif prospects good. | — |
| 2 | Delhi ... | 0·44 Sadr, 0·87 Sonepat, 1·30 Ballabgarh. | ... | Fluctuating. | Ditto. | ... |
| 3 | Umballa ... | 4·33 | ... | Stationary. | Kharif crops fair; injured by excessive rain. | — |
| 4 | Jullundur | 0·23 | Insufficient. | Do. | Weeding commenced. | Ploughings commenced. |
| 5 | Ferozepore | 0·29 Moga, 1·27 Zira. | Ample. | Do. | ... | Ploughings in progress. |
| 6 | Amritsar | 1·30 average rain of district. | Sufficient. | ... | Kharif cultivated crops in good condition. No complaint against canal working. | Ditto. |
| 7 | Siálkot ... | Rain almost too much. | Abundant. | Stationary. | Kharif prospects generally good, but some crops are suffering from too much water. | — |
| 8 | Lahore ... | 0·28 Sadr, 0·51 Chunián. | Sufficient. | Do. | Sowing of kharif crops still in progress. Prospects of standing crops good. | Ploughing for rabi is going on. |
| 9 | Mooltan ... | 0·09 Sadr, 0·41 Shujabad, 0·03 Lodhran, 0·25 Kabirwála. | Do. | Slightly rising. | Kharif sowings finished, except til, china, jowár in Kabirwála. A flight of locusts passed over Kabirwála without doing any damage to crops. Canals flowing well. | — |
| 10 | Ráwalpindi ... | 4·92 Ráwalpindi, 5·59 Kahuta, 3·37 Gujar Khan, 6·90 Murree. | Do. | Falling. | Kharif prospects average. | — |
| 11 | Shahpur ... | Slight rainfall in Bhera and Shahpur. | Do. | Stationary. | Kharif crops require more rain. | — |
| 12 | D. I. Khan ... | ... | Good. | ... | Condition of crops good. Flight of locusts passed over Bhakkar and Tánk, but no damage caused to the crops. | — |
| 13 | Peshâwar ... | ... | Sufficient. | Stationary. | Condition of crops average. | — |

*GENERAL REMARKS.*

A good rainfall throughout the Province, except Dera Ismail Khan, Peshâwar and Shahpur. Prices fluctuating at Delhi, slightly rising in Mooltan, falling at Ráwalpindi, and stationary elsewhere. Kharif sowings nearly over. Rabi ploughings in progress. Condition of kharif crops good throughout, except at Peshâwar where it is average. Excessive rain injuring crops at Umballa and Siálkot. A flight of locusts passed over Kabirwála (Mooltan District), Bhakkar and Tánk (Dera Ismail Khan District), without doing any damage to crops. Fodder insufficient at Jullundur, abundant at Siálkot and sufficient elsewhere.

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.

*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 20th July* 1890. | | | | | | | | |
| | | | Monday 14th. | Tuesday 15th. | Wednesday 16th. | Thursday 17th. | Friday 18th. | Saturday 19th. | Sunday 20th. | | |
| Simla. | Brauli ... | 13th July ... | ... | 1·34 | ... | ... | 1·06 | 0·50 | 0·70 | 3·60 | |
| | Simla *s* | Ditto ... | 0·50 | 0·07 | ... | 0·04 | 0·03 | 2·20 | 0·14 | 2·98 | |
| | Kot Khái ... | Ditto ... | 0·30 | 0·20 | 0·40 | ... | 0·30 | 0·50 | 0·30 | 2·00 | |
| | Kotgarh ... | Ditto ... | 0·30 | 0·20 | 0·40 | ... | 0·30 | 0·50 | 0·30 | 2·00 | |
| | | | *Week ending 27th July* 1890. | | | | | | | | |
| | | | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th | Friday 25th. | Saturday 26th. | Sunday 27th. | | |
| Hissar. | Dhaneta *C* ... | 18th July ... | 0·20 | 1·84 | 0·34 | 1·05 | 0·80 | 0·21 | 0·32 | 4·76 | |
| Umballa. | Kotra *C* ... | 16th July ... | 1·02 | 2·44 | R. | ... | 0·98 | ... | ... | 4·44 | |
| | | | *Week ending 3rd August* 1890. | | | | | | | | |
| | | | Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 31st. | Friday 1st. | Saturday 2nd. | Sunday 3rd. | | |
| Simla. | Kilba *s* | 27th July ... | 0·01 | ... | 0·31 | 0·08 | 0·24 | 0·60 | 0·88 | 2·12 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 10th AUGUST 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of August 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 4th. | Tuesday 5th. | Wednesday 6th. | Thursday 7th. | Friday 8th. | Saturday 9th. | Sunday 10th. | | |
| Hissar. | Sirsa s | 2nd August ... | 0·33 | 0·10 | ... | ... | ... | ... | 0·41 | 0·84 | |
| | Fatahabad ... | 3rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Barwála ... | Ditto ... | 0·90 | 0·72 | 0·19 | ... | 0·13 | ... | ... | 1·94 | |
| | Hissar s | 2nd August ... | 0·28 | 0·27 | ... | ... | ... | ... | ... | 0·55 | |
| | Hánsi ... | 3rd Do. ... | 0·12 | ... | 0·43 | ... | ... | 0·12 | ... | 0·67 | |
| | Bhiwáni ... | Ditto ... | 0·87 | 0·12 | 0·12 | .. | ... | ... | 1·66 | 2·77 | |
| | Budhláda ... | 28th July ... | ... | 0·73 | 0·43 | ... | ... | ... | ... | 1·16 | |
| | Dhaneta *C* ... | 3rd August ... | 0·64 | 0·28 | ... | 0·43 | 0·40 | 0·14 | ... | 1·89 | |
| Rohtak. | Rohtak s | 3rd August ... | 0·36 | 1·90 | 0·25 | ... | ... | 0·30 | ... | 2·81 | |
| | Gobána ... | Ditto ... | 2·12 | 1·00 | 0·04 | 0·20 | 0·20 | 0·15 | ... | 3·71 | |
| | Sámpla ... | Ditto ... | 0·67 | 3·15 | ... | ... | ... | 0·17 | ... | 3·99 | |
| | Jhajjar ... | Ditto ... | ... | 0·60 | ... | ... | .. | 0·25 | ... | 0·85 | |
| Gurgaon. | Farukhnagar ... | 2nd August ... | ... | 1·70 | 2·20 | ... | ... | ... | ... | 3·90 | |
| | Játusána ... | 1st Do. ... | ... | ... | ... | ... | 1·06 | ... | ... | 1·06 | |
| | Rewári .. | 2nd Do. ... | 0·35 | ... | ... | 0·40 | ... | ... | ... | 0·75 | |
| | Shahjahánpur ... | 3rd Do. ... | ... | 0·50 | 0·70 | ... | ... | ... | ... | 1·20 | |
| | Tauru ... | Ditto ... | ... | 1·50 | ... | 0·90 | .. | ... | ... | 2·40 | |
| | Nuh ... | 2nd August ... | 3·50 | ... | 0·70 | ... | 0·35 | 1·20 | ... | 5·75 | |
| | Fírozpur ... | Ditto ... | 0·17 | 0·78 | 3·30 | ... | 0·32 | ... | 0·20 | 4·77 | |
| | Hodal ... | 3rd August ... | 0·85 | ... | 0·30 | 0·20 | ... | ... | ... | 1·35 | |
| | Hattín ... | Ditto ... | 0·53 | ... | 0·62 | 0·25 | | 3·10 | ... | 4·50 | |
| | Palwal ... | 2nd August ... | 1·06 | .. | 2·12 | ... | 0·10 | 0·31 | ... | 3·59 | |
| | Sohna ... | Ditto ... | 1·90 | 0·60 | 0·20 | 0·30 | 0·20 | ... | ... | 3·20 | |
| | Gurgaon s | Ditto ... | 0·32 | ... | ... | ... | 0·75 | 1·24 | ... | 2·31 | |
| | Punahána ... | Ditto ... | 0·90 | 0·40 | 1·30 | 1·50 | 0·20 | 1·00 | ... | 5·30 | |
| Delhi. | Ballabgarh ... | 3rd August ... | 1·27 | ... | 0·18 | 0·68 | ... | ... | ... | 2·13 | |
| | Mahrauli ... | 2nd Do. ... | 0·70 | ... | ... | 0·50 | 0·04 | 0·04 | ... | 1·28 | |
| | Sadr (Delhi) s | 3rd Do. ... | 1·39 | ... | 0·12 | 3·20 | ... | ... | ... | 4·71 | |
| | Sonepat ... | Ditto ... | 1·28 | 0·29 | ... | 0·56 | 0·23 | ... | ... | 2·36 | |
| Karnal. | Pánipat ... | 3rd August ... | 1·70 | ... | 0·70 | 0·41 | 0·14 | ... | ... | 2·95 | |
| | Karnál s | Ditto ... | 5·63 | 0·11 | 0·46 | 0·10 | ... | ... | ... | 6·30 | |
| | Rajaund .. | Ditto ... | 0·40 | ... | 0·20 | ... | ... | ... | ... | 0·60 | |
| | Kaithal ... | Ditto ... | 0·55 | 0·10 | ... | ... | ... | ... | ... | 0·65 | |
| | Gulah ... | Ditto ... | 1·56 | ... | ... | 0·05 | 0·39 | 4·21 | ... | 6·21 | |
| Umballa. | Pipli ... | 3rd August ... | 3·28 | 0·52 | ... | 0·47 | 0·06 | 0·42 | ... | 4·75 | |
| | Jagádhri ... | Ditto ... | 3·53 | 0·15 | 1·00 | 1·93 | ... | 0·65 | ... | 7·26 | |
| | Umballa s | Ditto ... | 3·15 | 0·35 | 0·85 | 1·20 | 0·07 | ... | ... | 5·62 | |
| | Naráingarh ... | Ditto ... | 1·36 | 0·27 | 0·26 | 3·86 | 0·08 | ... | ... | 5·83 | |
| | Kharar ... | Ditto ... | 0·43 | 0·30 | 1·00 | ... | ... | ... | ... | 1·73 | |
| | Rúpar ... | Ditto ... | 0·55 | 0·49 | 0·07 | 0·11 | 0·28 | 0·29 | ... | 1·79 | |
| | Kotra *C* ... | 25th July ... | ... | .. | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* ... | 3rd August ... | 0·22 | 0·93 | ... | 0·24 | ... | ... | ... | 1·39 | |
| | Raniki *C* ... | 2nd Do. ... | 1·61 | 0·81 | 0·61 | ... | ... | R. | ... | 3·03 | |
| | Dádupur *C* ... | 3rd Do. ... | 0·50 | 0·10 | 0·30 | ... | 0·30 | ... | ... | 1·00 | |
| Simla. | Kasauli s | 3rd August ... | 0·20 | 0·15 | 2·13 | 1·02 | 0·13 | ... | ... | 3·63 | |
| | Barauli ... | Ditto ... | 0·07 | 1·00 | 0·40 | 0·43 | 0·20 | ... | ... | 2·10 | |
| | Simla s | Ditto ... | 0·61 | 0·55 | 0·65 | 0·25 | 0·91 | 0·95 | 0·04 | 3·96 | |
| | Kot Khái ... | Ditto ... | ... | 0·80 | 1·40 | ... | 0·50 | ... | 0·50 | 3·20 | |
| | Kotgarh ... | Ditto ... | ... | 0·30 | 1·00 | 0·30 | 0·50 | ... | 0·50 | 2·60 | |
| | Kilba s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách ... | 3rd August ... | 1·50 | 0·86 | 0·54 | 0·49 | ... | 0·40 | ... | 3·79 | |
| | Kulu s | Ditto ... | 1·03 | 0·06 | 0·34 | 0·24 | 0·60 | ... | 1·10 | 3·37 | |
| | Nagar ... | Ditto ... | 1·50 | 0·20 | 0·23 | 1·00 | 0·65 | ... | 0·30 | 3·88 | |
| | Pálampur ... | Ditto ... | 0·10 | 3·47 | 3·32 | 1·06 | 0·67 | 0·05 | 3·21 | 11·88 | |
| | Hamírpur ... | Ditto ... | 0·31 | 0·13 | 0·16 | 0·14 | 0·30 | ... | ... | 1·04 | |
| | Dera ... | Ditto ... | 0·09 | ... | 0·69 | 0·68 | 0·98 | ... | ... | 2·44 | |
| | Kángra ... | Ditto ... | 0·61 | 0·77 | 1·06 | 2·14 | ... | ... | ... | 4·58 | |
| | Dharmsála s | Ditto ... | 0·35 | 1·90 | 3·83 | 2·70 | 2·73 | ... | 3·93 | 15·44 | |
| | Núrpur ... | Ditto ... | 0·04 | 0·72 | 1·00 | 0·05 | 0·10 | ... | 2·32 | 4·23 | |
| Hoshiarpur. | Dasúya ... | 3rd August ... | 0·80 | 0·11 | 0·13 | ... | 0·73 | 0·71 | ... | 2·48 | |
| | Una ... | Ditto ... | 0·24 | 0·07 | 0·51 | 0·15 | ... | ... | ... | 0·97 | |
| | Garhshankar ... | Ditto ... | 1·15 | ... | 0·10 | ... | ... | ... | ... | 1·25 | |
| | Sadr Station ... | Ditto ... | 0·20 | 0·32 | ... | 0·62 | 0·10 | ... | ... | 1·24 | |
| | Hoshiárpur ... | Ditto ... | 0·12 | 0·37 | 0·10 | 0·59 | ... | 0·10 | ... | 1·28 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each day of the Week. Month of August 1890. Monday 4th. | Tuesday 5th. | Wednesday 6th | Thursday 7th. | Friday 8th. | Saturday 9th. | Sunday 10th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 3rd August | 0·44 | 0·77 | | ... | 1·28 | ... | ... | 2·49 | |
| | Nakodar | Ditto | 0·60 | ... | 1·33 | ... | 0·50 | ... | ... | 2·43 | |
| | Phillour | Ditto | 0·41 | 2·07 | 0·53 | 0·01 | 0·02 | 0·10 | 0·60 | 3·74 | |
| | Nawashahr | Ditto | ... | 1·50 | 0·33 | ... | 0·02 | 1·50 | ... | 3·35 | |
| Ludhiana. | Samrála | 3rd August | 0·55 | 0·96 | ... | 0·02 | ... | ... | ... | 1·53 | |
| | Ludhiána s | Ditto | 0·80 | 1·05 | 0·14 | ... | ... | 0·33 | ... | 2·32 | |
| | Jagraon | 2nd August | 2·69 | 0·14 | ... | ... | 0·55 | ... | ... | 3·38 | |
| Ferozepore. | Moga | 3rd August | ... | 1·80 | 0·20 | 1·02 | 1·65 | ... | ... | 4·67 | |
| | Zíra | 2nd Do. | 0·32 | 0·09 | 0·21 | 0·20 | 0·68 | ... | ... | 1·50 | |
| | Ferozepore | 3rd Do. | 0·22 | 1·72 | 1·51 | 0·03 | 0·35 | ... | 0·04 | 3·87 | |
| | Ferozepore city | Ditto | 1·70 | 1·50 | 0·24 | 0·60 | ... | 0·24 | ... | 4·28 | |
| | Muktsar | Ditto | 0·17 | 0·09 | 0·39 | 1·63 | | ... | ... | 2·28 | |
| | Fázilka | 2nd August | 0·40 | 0·26 | 0·62 | 1·60 | 0·35 | ... | ... | 3·23 | |
| | Nathána | Ditto | ... | 1·30 | ... | ... | ... | ... | ... | 1·30 | |
| | Gobindgarh C | 3rd August | 1·30 | 1·50 | 1·50 | 0·10 | 0·30 | ... | ... | 4·70 | |
| Mooltan. | Mailsi | 3rd August | ... | ... | ... | 0·40 | 0·13 | 0·76 | ... | 1·29 | |
| | Lodhrán | Ditto | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Shujabad | Ditto | 0·03 | ... | 0·02 | 0·18 | ... | ... | ... | 0·23 | |
| | Mooltan | 5th July | 0·10 | ... | 2·40 | ... | 0·30 | ... | ... | 2·80 | |
| | Kabírwála | 3rd August | ... | ... | 0·01 | 0·06 | ... | ... | ... | 0·07 | |
| Jhang. | Shorkot | 3rd August | ... | ... | 0·77 | ... | ... | ... | ... | 0·77 | |
| | Jhang s | Ditto | 0·01 | 0·11 | 0·07 | ... | 0·54 | 0·01 | ... | 0·74 | |
| | Chiniot | 2nd August | ... | ... | ... | ... | 0·62 | ... | 0·59 | 1·21 | |
| Montgomery. | Gugera | 3rd August | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | |
| | Montgomery s | Ditto | ... | ... | 0·89 | ... | ... | 0·09 | 0·25 | 1·23 | |
| | Pákpattan | 16th July | ... | ... | ... | ... | ... | 0·82 | ... | 0·82 | |
| | Dipálpur | 28th Do. | ... | 1·30 | 0·40 | 0·63 | 0·06 | ... | ... | 2·39 | |
| Lahore. | Van C b | 20th July | ... | ... | ... | 2·62 | ... | ... | ... | 2·62 | |
| | Chunián | 2nd August | ... | ... | 0·21 | ... | 0·19 | ... | 1·03 | 1·43 | |
| | Kasúr | 3rd Do. | ... | ... | 0·52 | 0·19 | 0·12 | 1·39 | ... | 2·22 | |
| | Pambe C | Ditto | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| | Sharakpur | 2nd August | 0·40 | ... | ... | ... | 2·60 | ... | ... | 3·00 | |
| | Niáz Beg C | 3rd Do. | ... | 0·20 | ... | 2·30 | ... | 0·63 | 2·00 | 5·13 | |
| | Lahore s | Ditto | ... | 4·41 | 0·08 | 0·03 | 0·11 | 0·72 | ... | 5·35 | |
| | Meean Meer C o | 1st August | ... | 3·86 | | 0·27 | 0·56 | 3·64 | ... | 8·33 | |
| | Manihála C | 2nd Do. | ... | 0·15 | 0·20 | ... | 0·10 | 0·84 | ... | 1·29 | |
| | Dafthu C b | 3rd Do. | ... | 0·64 | 0·19 | ... | 0·48 | 3·35 | ... | 4·66 | |
| Amritsar. | Buchar C b | 3rd August | 0·08 | 0·06 | 1·60 | 1·10 | 1·24 | 0·52 | ... | 4·60 | |
| | Khara C | 2nd Do. | 0·10 | 0·27 | 0·41 | 0·04 | 1·00 | ... | ... | 1·82 | |
| | Tarn Táran | Ditto | ... | 0·28 | 0·10 | 0·63 | 2·70 | ... | ... | 3·71 | |
| | Raya C | 3rd August | 0·81 | 0·20 | 1·76 | ... | ... | 1·50 | ... | 4·27 | |
| | Jandiála C | 27th July | ... | 0·62 | 1·04 | ... | 2·72 | ... | ... | 4·38 | |
| | Jail Hospital s | 3rd August | 0·45 | 0·53 | 2·60 | 0·05 | 0·95 | ... | ... | 4·58 | |
| | Amritsar Sadr | Ditto | 0·37 | 0·70 | 3·40 | 0·20 | 1·20 | ... | ... | 5·87 | |
| | Amritsar C | Ditto | 0·05 | 0·43 | 0·55 | 4·59 | 0·03 | 0·97 | ... | 6·62 | |
| | Buggeh C | Ditto | 1·10 | ... | 0·60 | 0·30 | 3·80 | ... | 0·46 | 6·26 | |
| | Ajnála | Ditto | 2·27 | 0·64 | 0·21 | 1·60 | 1·20 | 0·29 | ... | 6·21 | |
| Gurdaspur. | Aliwál C | 3rd August | 0·15 | 0·34 | 1·30 | 2·00 | ... | 0·07 | ... | 3·86 | |
| | Batála | Ditto | 0·60 | 1·80 | 2·70 | ... | 0·56 | ... | ... | 5·66 | |
| | Kaler C | 2nd August | 0·31 | 1·25 | 2·13 | ... | 1·13 | ... | ... | 4·32 | |
| | Tibri C | 31st July | ... | 1·00 | 0·60 | ... | ... | 0·60 | ... | 2·20 | |
| | Gurdaspur s | 2nd August | 0·95 | 2·20 | ... | 0·49 | 0·36 | ... | ... | 4·00 | |
| | Bhímpur C | 3rd Do. | 0·32 | 1·63 | 0·95 | ... | 0·05 | ... | ... | 2·95 | |
| | Pathankot | 2nd Do. | 1·00 | 3·00 | ... | ... | ... | ... | ... | 4·00 | |
| | Dalhousie s | 3rd Do. | 1·61 | 1·13 | 1·35 | 1·85 | 0·63 | 1·08 | 1·22 | 8·87 | |
| | Madhopur C b | Ditto | 0·40 | 1·15 | 3·10 | ... | ... | ... | 1·50 | 6·15 | |
| | Shakargarh | 1st August | 1·10 | 1·40 | 0·86 | 0·26 | 0·11 | ... | ... | 3·73 | |
| Sialkot. | Zafarwál | 2nd August | 0·45 | 1·48 | 5·04 | 0·37 | 0·66 | 0·90 | ... | 8·90 | |
| | Pasrur | Ditto | 0·63 | 1·97 | 2·46 | ... | 0·50 | 0·90 | ... | 6·46 | |
| | Raya | Ditto | 0·68 | 3·42 | 0·35 | 0·20 | 0·30 | 2·35 | ... | 7·30 | |
| | Daska | 26th July | 0·31 | 1·60 | 2·30 | 3·31 | 1·20 | 0·30 | 8·00 | 17·02 | |
| | Siálkot s | 3rd August | 1·20 | 3·10 | 6·30 | 2·12 | 1·65 | 0·46 | 10·00 | 24·83 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each day of the Week. Month of *August* 1890. Monday 4th. | Tuesday 5th. | Wednesday 6th. | Thursday 7th. | Friday 8th. | Saturday 9th. | Sunday 10th. | Total. | Special Remarks. |
| Gujrat. | Sadr s | 3rd August | 0·14 | 1·73 | 0·64 | 0·02 | ... | 0·75 | 0·16 | 3·44 | Kharif prospects good; green fodder sufficient. |
| | Gujrát | Ditto | 0·14 | 1·73 | 0·64 | 0·02 | ... | 0·75 | 0·16 | 3·44 | |
| | Khárián | Ditto | 2·50 | 0·10 | 0·31 | 0·30 | 0·50 | ... | 0·98 | 4·69 | |
| | Phália | Ditto | 3·50 | 0·30 | ... | ... | ... | ... | ... | 3·80 | |
| Gujranwala. | Rámnagar | 3rd August | 0·98 | ... | ... | ... | 0·28 | 0·28 | ... | 1·54 | The standing crops have benefited by the recent rains and the prospects are very good. Fodder sufficient. |
| | Wazirabad | Ditto | 0·20 | 3·44 | 0·50 | 0·02 | 0·20 | 3·20 | 1·15 | 7·71 | |
| | Sadr Kacheri s | Ditto | 5·60 | 3·00 | 0·34 | 0·84 | 0·56 | 0·80 | 0·42 | 11·56 | |
| | Shekhupura | 2nd August | ... | 3·50 | ... | ... | ... | ... | ... | 3·50 | |
| | Háfizabad | 26th July | ... | ... | 0·45 | ... | ... | ... | 1·88 | 2·33 | |
| | Meluána *C* | 3rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | 27th July | ... | ... | ... | ... | ... | 0·80 | ... | 0·80 | |
| Shahpur. | Midh s | 28th July | ... | ... | 0·60 | ... | ... | ... | ... | 0·60 | |
| | Sahiwál | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 26th Do. | 1·50 | ... | ... | ... | ... | ... | ... | 1·50 | |
| | Mitha Tiwána | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 26th Do. | 1·70 | 0·30 | ... | ... | ... | ... | 1·20 | 3·20 | |
| | Naushahra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | 25th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | 27th Do. | ... | 0·72 | ... | ... | ... | ... | ... | 0·72 | |
| | Miáni | 26th Do. | ... | ... | 2·72 | ... | ... | ... | 0·21 | 2·93 | |
| Jhelum. | Pind Dádan Khan | 3rd August | ... | 0·95 | ... | ... | ... | 1·80 | 0·66 | 3·41 | |
| | Sadr Station s | Ditto | 1·90 | 0·15 | ... | ... | ... | ... | 1·30 | 3·35 | |
| | Chakwál | Ditto | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Talagang | Ditto | 0·23 | ... | 0·91 | ... | ... | ... | ... | 1·14 | |
| Rawalpindi. | Pindigheb | 26th July | 0·16 | 0·56 | ... | ... | ... | ... | ... | 0·72 | |
| | Fatahjang | 1st August | ... | 0·10 | ... | ... | ... | ... | 0·28 | 0·38 | |
| | Attock | 3rd Do. | 0·20 | 0·80 | ... | ... | ... | ... | 1·30 | 2·30 | |
| | Ráwalpindi s | 2nd Do. | ... | 3·06 | ... | ... | ... | ... | ... | 3·06 | |
| | Gujar Khan | 3rd Do. | ... | 0·12 | ... | ... | ... | ... | ... | 0·12 | |
| | Kahuta | Ditto | ... | 0·47 | ... | ... | ... | 0·54 | ... | 1·01 | |
| | Murree s | Ditto | 1·20 | 1·40 | ... | 1·40 | 0·80 | 0·50 | 0·20 | 5·50 | |
| Hazara. | Abbott-abad s | 3rd August | 0·07 | 1·20 | 0·34 | ... | 0·41 | 0·42 | 0·10 | 2·54 | |
| | Mansáhra | Ditto | 0·09 | 2·28 | 1·78 | 0·20 | | 0·49 | ... | 4·84 | |
| | Haripur | Ditto | 0·54 | 0·20 | 0·60 | ... | ... | ... | ... | 1·34 | |
| Peshawar. | Sawábi | 3rd August | 0·04 | 0·89 | 0·01 | 0·10 | ... | ... | 1·76 | 2·80 | |
| | Lahore (Utman Bolak) | 29th July | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Nowshera | 3rd August | 1·05 | 0·10 | ... | 0·37 | 0·11 | 0·16 | ... | 1·79 | |
| | Mardán s | Ditto | 1·60 | 0·50 | 0·36 | ... | ... | 0·36 | 0·37 | 3·19 | |
| | Katlang | Ditto | ... | 2·28 | ... | ... | ... | ... | ... | 2·28 | |
| | Hashtnagar | 26th July | 2·56 | 0·51 | ... | 0·65 | ... | 2·10 | ... | 5·82 | |
| | Doab Daudzai | 28th Do | 3·30 | 0·13 | 0·19 | R. | ... | 0·53 | ... | 4·15 | |
| | Peshawar s | 26th Do. | 1·31 | 0·11 | 0·06 | R. | ... | 0·52 | ... | 2·00 | |
| Kohat. | Kohát s | 21st July | ... | T. 0·83 | T. 0·30 | ... | ... | ... | ... | 1·13 | |
| | Hangu | 30th Do. | 0·30 | 2·50 | 1·10 | 0·10 | ... | ... | ... | 4·00 | |
| | Thal | 19th Do. | 1·50 | ... | 0·50 | 0·30 | ... | ... | ... | 2·30 | |
| | Karak | 28th Do. | 1·02 | 1·15 | ... | ... | 0·88 | ... | ... | 3·05 | |
| Bannu. | Miánwáli | 1st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 19th July | ... | 0·43 | 0·27 | ... | ... | ... | ... | 0·70 | |
| | Bannu s | 24th Do. | ... | 2·00 | 0·25 | ... | ... | ... | 0·05 | 2·30 | |
| | Marwat | 31st Do. | ... | 0·70 | 0·64 | ... | ... | ... | ... | 1·34 | |
| Dera Ismail Khan. | Tánk | 31st July | ... | 1·62 | 1·16 | ... | ... | ... | ... | 2·78 | |
| | Kuláchi | 27th Do. | ... | 0·36 | 1·00 | ... | ... | ... | ... | 1·36 | |
| | D. I. Khan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | 25th July | ... | 0·02 | 0·12 | ... | 0·48 | ... | ... | 0·62 | |
| | Leiah | 28th Do. | ... | 0·19 | 0·06 | ... | ... | ... | ... | 0·25 | |
| Dera Ghazi Khan. | Sangarh | 29th July | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan s | 27th Do. | ... | ... | T. | T. | T. | T. | R. | ... | |
| | Fort Munro s | 3rd August | ... | 1·05 | ... | 0·16 | | R. | 0·02 | 1·23 | |
| | Jampur | Ditto | ... | ... | ... | ... | | ... | ... | ... | |
| | Rajanpur | 4th July | 0·26 | ... | ... | ... | ... | ... | ... | 0·26 | |
| Muzaffargarh. | Alipur | 3rd August | ... | ... | 0·30 | ... | ... | ... | R. | 0·30 | |
| | Muzaffargarh s | 26th July | ... | R. | ... | ... | ... | ... | 0·19 | 0·19 | |
| | Sinánwán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending* 19th *January* 1890.

Against Rúpar (Umballa District) insert in column 9, 0·20, and in column 11 *read* 0·40 *for* 0·20.

*For the week ending 9th March* 1890.

Against Fázilka (Ferozepore District) insert in columns 4 and 5, 0·09, and in column 11, 0·18.

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th July 1890. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 2·19 | 6·99 | 3·66 | 6·78 | 0·21 | 11·01 | 11·22 | Good rain over the whole district; heavy in some parts. Crops mostly sown and in good condition. Health good. Locusts are still about. All efforts are made to destroy them. |
| | Fatahabad ... | 2·19 | 7·62 | 4·70 | 8·24 | 0·62 | 12·29 | 12·91 | |
| | Barwála ... | 2·28 | 8·12 | 4·80 | 6·13 | 0·53 | 11·62 | 12·15 | |
| | **Hissar** ... | **2·32** | **7·41** | **4·50** | **3·70** | **0·55** | **7·49** | **8·04** | |
| | Hánsi ... | 2·14 | 7·89 | 4·61 | 2·24 | 0·46 | 9·49 | 9·95 | |
| | Bhiwáni ... | 2·27 | 8·75 | 4·98 | 6·30 | 0·54 | 10·36 | 10·90 | |
| | Budhláda ... | ... | ... | ... | 8·25 | 0·59 | 10·22 | 10·81 | |
| | Dhaneta ... | ... | ... | ... | 7·63 | 1·21 | 10·09 | 11·30 | |
| Rohtak. | **Rohtak** ... | **2·70** | **9·56** | **5·72** | **10·95** | **0·65** | **12·90** | **13·55** | The rain has been general throughout the district. All kharíf sowings have been completed and have germinated well. All four tahsíls have been visited by large flights of locusts and in several villages they deposited eggs. They, however, were effectually destroyed. Health of the people good. |
| | Gohána ... | 2·86 | 10·76 | 6·61 | 11·84 | 0·65 | 16·30 | 16·95 | |
| | Sámpla ... | 2·71 | 10·41 | 6·38 | 11·13 | ... | 15·10 | 15·10 | |
| | Jhajjar ... | 2·50 | 10·73 | 6·24 | 6·68 | 1·03 | 10·97 | 12·00 | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | 9·84 | 1·34 | 11·91 | 13·25 | The rainfall has been heavy all over the district, decreasing, however, towards the west. Damage has been done to kharíf sowings in parts; the extent is not known yet. Weeding backward, owing to excessive moisture. Health good. |
| | Játusána ... | ... | ... | ... | 3·60 | 0·40 | 6·02 | 6·42 | |
| | Rewári ... | 1·97 | 9·92 | 6·72 | 6·80 | 0·50 | 10·00 | 10·50 | |
| | Shahjahánpur ... | ... | ... | ... | 6·42 | 0·95 | 9·79 | 10·74 | |
| | Tauru ... | ... | ... | ... | 6·30 | 0·15 | 8·20 | 8·35 | |
| | Nuh ... | 2·15 | 11·90 | 7·88 | 8·60 | 0·92 | 14·05 | 14·97 | |
| | Fírozpur ... | 1·26 | 9·73 | 6·61 | 14·28 | 0·70 | 22·60 | 23·30 | |
| | Hodal ... | ... | ... | ... | 12·77 | ... | 17·87 | 17·87 | |
| | Hattín ... | ... | ... | ... | 15·64 | 0·27 | 20·43 | 20·70 | |
| | Palwal ... | 1·86 | 11·59 | 8·08 | 15·05 | 0·40 | 17·75 | 18·15 | |
| | Sohna ... | ... | ... | ... | 14·60 | 0·30 | 18·95 | 19·25 | |
| | **Gurgaon** ... | **2·44** | **12·38** | **8·91** | **15·18** | **1·19** | **18·15** | **19·34** | |
| | Punahána ... | ... | ... | ... | 11·68 | 0·15 | 16·37 | 16·52 | |
| Delhi. | Ballabgarh ... | 2·39 | 11·48 | 7·26 | 17·49 | 1·18 | 23·75 | 24·93 | Rainfall copious. A break would be beneficial to kharíf cultivation. Health of people good. Canal was full though there was no occasion to resort to irrigation therefrom. Locusts appeared twice during the month, but no damage was done to crops. |
| | Mahrauli ... | ... | ... | ... | 11·49 | 0·80 | 13·38 | 14·18 | |
| | **Sadr (Delhi)** ... | **3·01** | **12·66** | **8·51** | **14·44** | **0·82** | **17·63** | **18·45** | |
| | Sonepat ... | 3·10 | 11·21 | 6·50 | 7·19 | 1·03 | 9·49 | 10·52 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th July 1890. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 4·22 | 12·68 | 7·88 | 10·79 | 0·86 | 15·44 | 16·30 | Kharif sowings made on a large scale. Rains abundant throughout the month. The crops are in a good condition. Locusts appeared in parts of the district, but passed off without causing any damage or depositing eggs. |
| | **Karnal** ... | **4·33** | **15 09** | **9 43** | **14·62** | **1·44** | **22 50** | **23 94** | |
| | Rajaund ... | ... | ... | ... | 7·27 | 0·20 | 10·07 | 10·27 | |
| | Kaithal ... | 1·95 | 9·39 | 5·74 | 9·07 | 0·40 | 14 77 | 15·17 | |
| | Gulah ... | ... | ... | ... | 13 52 | 1·33 | 17·84 | 19·17 | |
| Umballa. | Pipli ... | 4·29 | 13·37 | 8·76 | 18 97 | 0·65 | 24 07 | 24·72 | Kharif sown and is flourishing, but wants sunshine. Excessive rain injures the crops. |
| | Jagádhri ... | 5·86 | 20·01 | 12·76 | 17·83 | 1·70 | 19·15 | 20·85 | |
| | **Umballa** ... | **5 42** | **17·17** | **11·66** | **23·36** | **1·40** | **29 43** | **30·83** | |
| | Naráingarh ... | 6·37 | 19·92 | 13·30 | 21·59 | 0·99 | 29·47 | 30·46 | |
| | Kharar ... | 5·49 | 16·99 | 11·05 | 14·17 | 2·71 | 17·03 | 19·74 | |
| | Rúpar ... | 5·18 | 13·28 | 8·73 | 7·77 | 3·08 | 13·06 | 16·14 | |
| | Kotra ... | ... | ... | ... | 5·13 | 0·35 | 7·53 | 7·88 | |
| | Jodhpur ... | ... | ... | ... | 2·27 | ... | 6·11 | 6·11 | |
| | Raniki ... | ... | ... | ... | 7·15 | 0·70 | 9·65 | 10 35 | |
| | Dádupur ... | ... | ... | ... | 7·20 | 0·33 | 8·05 | 8·38 | |
| Simla. | Kasauli ... | 10·75 | 32·77 | 18·11 | 31·83 | 3·69 | 39·71 | 43·40 | Good. |
| | Barauli ... | 8·69 | 23·08 | 15·60 | 23·89 | 4·49 | 39·65 | 44·14 | |
| | **Simla** ... | **11·09** | **34·82** | **19·35** | **24·81** | **3·78** | **37·68** | **41·46** | |
| | Kot Khái ... | 9·73 | 28·29 | 15·17 | 6·89 | 4·22 | 13·40 | 17·62 | |
| | Kotgarh ... | 10·63 | 31·52 | 16·95 | 6·89 | 4·22 | 13·40 | 17·62 | |
| | Kilba ... | ... | 11·22 | 3·67 | 3·12 | 15·31 | 14·54 | 29 85 | |
| Kangra. | Plách ... | 7·94 | 19·33 | 13·42 | 9·16 | 5·60 | 16·29 | 21·89 | Rain general and sufficient. Crop prospects very good. |
| | Kulu ... | 8·90 | 20·39 | 13·93 | 9·72 | 10·71 | 16·86 | 27·57 | |
| | Nagar ... | 24·02 | 19·45 | 6·70 | 10·73 | 9·04 | 17·90 | 26·94 | |
| | Pálampur ... | 14·81 | 46·47 | 33·05 | 54·64 | 10·29 | 70·51 | 80·80 | |
| | Hamírpur ... | 7·86 | 22·51 | 15·89 | 24·41 | 6·97 | 32·57 | 39·54 | |
| | Dera ... | 9·56 | 24·54 | 17·50 | 29·33 | 6·18 | 33·21 | 39·3[illegible] | |
| | Kángra ... | 9·76 | 29·21 | 20·26 | 22·43 | 5·05 | 40·33 | 45·38 | |
| | **Dharmsala** ... | **17·14** | **55·79** | **40·12** | **66·31** | **8·46** | **77 52** | **85·98** | |
| | Núrpur ... | 12·69 | 29·16 | 20·69 | 22·94 | 3·17 | 28·52 | 31·69 | |
| Hoshiarpur. | Dasúya ... | 6·91 | 14·52 | 9·68 | 9·03 | 2·20 | 12·22 | 14·42 | The young kharif crops are in good condition everywhere, as sufficient rain has fallen during this month. |
| | Una ... | 6·91 | 15·99 | 10·37 | 13·23 | 2·49 | 16·62 | 19·11 | |
| | Garhshankar ... | 6·40 | 13·64 | 8·94 | 8·27 | 1·53 | 12·23 | 13·76 | |
| | **Sadr Station** ... | **6·22** | **15·12** | **10·21** | **14·47** | **2·57** | **19·85** | **22·42** | |
| | Hoshiárpur ... | 6·22 | 15·12 | 10·21 | 14·68 | 2·84 | 20·18 | 23·02 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st July 1890. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | **4·99** | **12·41** | **8·51** | **3·67** | **1·68** | **7·61** | **9·29** | Kharíf sowings in progress. Health of people good. |
| | Nakodar ... | 5·00 | 11·12 | 7·40 | 3·39 | 1·80 | 8·63 | 10·43 | |
| | Phillour ... | 5·67 | 11·56 | 7·66 | 7·56 | 2·18 | 10·64 | 12·82 | |
| | Nawashahr ... | 5·96 | 11·76 | 7·82 | 3·46 | 1·88 | 7·27 | 9·15 | |
| Ludhiana. | Samrála ... | 5·81 | 12·46 | 8·29 | 7·92 | 1·66 | 12·94 | 14·60 | Recent rainfall has been copious and prospects of kharíf crops look very favourable. Health of people generally good. A flight of locusts was seen in the Ludhiána and Jagraon Tahsíls on the 29th July, but the swarm passed off without doing any noticeable damage to crops. Inquiries are being made as to their having left eggs in any part of the district. |
| | **Ludhiana** ... | **6·23** | **14·18** | **9·79** | **8·96** | **2·26** | **13·18** | **15·44** | |
| | Jagraon ... | 4·36 | 9·53 | 6·35 | 5·28 | 0·64 | 8·56 | 9·20 | |
| Ferozepore. | Moga ... | 3·88 | 9·85 | 6·54 | 5·93 | 0·47 | 8·13 | 8·60 | There has been good rain throughout the district during the month, which has greatly benefited the standing crops. The kharíf sowings have been completed and the rabi ploughings have been commenced in portions of the district. The health of people good. There was sufficient water in the Sirhind Canal. |
| | Zíra ... | 4·37 | 12·12 | 8·17 | 3·16 | 1·02 | 6·53 | 7·55 | |
| | **Ferozepore Sadr** ... | **3·82** | **10·50** | **6·99** | **6·00** | **0·91** | **8·93** | **9·84** | |
| | Ferozepore City ... | 3·82 | 10·50 | 6·99 | 6·31 | 0·89 | 9·51 | 10·40 | |
| | Muktsar ... | 2·12 | 6·41 | 4·25 | 5·16 | 0·08 | 7·18 | 7·26 | |
| | Fázilka ... | 2·09 | 5·71 | 2·92 | 5·17 | 0·68 | 6·20 | 6·88 | |
| | Nathana ... | ... | ... | ... | 3·49 | ... | 6·39 | 6·39 | |
| | Gobindgarh (c) ... | ... | ... | ... | 1·40 | ... | 1·40 | 1·40 | |
| Mooltan. | Mailsi ... | 0·85 | 2·09 | 1·17 | 0·89 | 0·12 | 1·69 | 1·81 | The slight rainfall has improved the condition of crops. More rain would be beneficial. Condition of people good. Canals doing very well. |
| | Lodhrán ... | 1·26 | 2·87 | 1·80 | 0·02 | 0·07 | 0·02 | 0·09 | |
| | Shujabad ... | 1·55 | 3·67 | 2·29 | 1·46 | 0·36 | 1·46 | 1·82 | |
| | **Mooltan** ... | **1·52** | **3·45** | **2·28** | **1·98** | **0·50** | **2·20** | **2·70** | |
| | Kabirwala ... | 1·44 | 3·03 | 1·85 | 0·52 | 0·20 | 0·82 | 1·02 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st July 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 2·16 | 5·50 | 3·49 | 1·21 | 0·46 | 1·58 | 2·04 | Crops in good condition. Kharff sowings and for next rabi still in progress. Rains in August will further improve the condition of baráni crops. Rivers inundated to some extent. Locusts appeared in the district but did no damage. Health generally good. |
| | **Jhang** ... | **2·26** | **5·90** | **3·96** | **2·45** | **0·55** | **5·19** | **5·74** | |
| | Chiniot ... | 2·77 | 6·92 | 4·44 | 4·50 | 1·53 | 10·30 | 11·83 | |
| Montgomery. | Gugera ... | 1·70 | 3·47 | 2·23 | 8·40 | 0·76 | 11·17 | 11·93 | Crops have benefited much from the rainfall this month throughout the district, and are in thriving condition. Tahsils Montgomery and Gugera have been visited by flights of locusts but no damage has been reported. Health of people good. Canals flowing high. |
| | **Montgomery** ... | **2·20** | **5·16** | **3·34** | **4·93** | **0·50** | **5·34** | **5·84** | |
| | Pákpattan ... | 1·70 | 3·76 | 2·29 | 4·20 | 0·62 | 4·62 | 5·24 | |
| | Dipálpur ... | 1·65 | 3·80 | 2·31 | 4·65 | 0·76 | 5·84 | 6·60 | |
| Lahore. | Van (c) ... | 2·53 | 6·67 | 4·03 | 5·53 | 2·52 | 9·88 | 12·40 | Good rain throughout the month. Sowings for autumn crops in progress throughout the month. Standing crops very promising. Fodder plentiful. |
| | Chunián ... | 3·35 | 7·41 | 5·07 | 5·86 | 1·84 | 7·17 | 9·01 | |
| | Kasúr ... | 3·28 | 8·75 | 5·98 | 12·22 | 2·05 | 15·51 | 17·56 | |
| | Pambe (c) ... | 2·83 | 7·93 | 4·68 | 10·12 | 0·82 | 12·89 | 13·71 | |
| | Sharakpur ... | 2·61 | 6·48 | 4·28 | 9·65 | 1·27 | 12·25 | 13·52 | |
| | Niáz Beg (c) ... | 3·77 | 8·09 | 5·34 | 14·93 | 1·04 | 17·63 | 18·67 | |
| | **Lahore** ... | **4·00** | **10·51** | **7·33** | **10·28** | **1·08** | **14·19** | **15·27** | |
| | Meean Meer (c) ... | 4·60 | 10·96 | 7·24 | 16·00 | 1·12 | 22·60 | 23·72 | |
| | Manihála (c) ... | 3·60 | 8·95 | 6·27 | 4·42 | 2·17 | 9·44 | 11·61 | |
| | Dafthu ... | ... | ... | ... | 10·44 | 1·26 | 11·12 | 12·38 | |
| Amritsar. | Buchar (c) ... | 2·86 | 8·20 | 5·63 | 8·36 | 1·31 | 14·90 | 16·21 | Health of people and condition of crops good. No complaints against canal working. |
| | Khara (c) ... | 2·37 | 6·74 | 3·93 | 1·13 | 2·83 | 7·56 | 10·39 | |
| | Tarn Táran ... | 3·89 | 10·59 | 7·29 | 4·24 | 1·43 | 8·64 | 10·07 | |
| | Raya (c) ... | 3·73 | 8·37 | 5·76 | 4·60 | 1·55 | 10·43 | 11·98 | |
| | Jandiála (c) ... | 3·72 | 7·34 | 4·78 | 3·72 | 1·61 | 9·00 | 10·61 | |
| | Jail Hospital ... | ... | ... | ... | 9·92 | 1·15 | 15·43 | 16·58 | |
| | **Amritsar Sadr** ... | **4·46** | **12·27** | **8·54** | **7·83** | **1·60** | **12·13** | **13·73** | |
| | Amritsar (c) ... | ... | ... | ... | 6·66 | 1·24 | 10·76 | 12·00 | |
| | Buggeh (c) ... | 2·89 | 8·70 | 5·98 | 6·01 | 1·62 | 10·16 | 11·78 | |
| | Ajnála ... | 3·48 | 9·16 | 6·30 | 4·56 | 1·43 | 9·06 | 10·49 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st July 1890. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (*c*) ... | 6·10 | 12·78 | 8·30 | 8·41 | 1·01 | 13·41 | 14·42 | Kharíf crops in good condition. Health of people good. Locusts have been observed in Dera Nának, Tahsíl Batála. |
| | Batála ... | 5·91 | 14·76 | 9·58 | 7·55 | 1·16 | 11·12 | 12·28 | |
| | Kaler (*c*) ... | 7·49 | 15·15 | 9·61 | 2·83 | 1·84 | 7·01 | 8·85 | |
| | Tibri (*c*) ... | 7·18 | 14·59 | 9·33 | 10·10 | 1·15 | 14·72 | 15·87 | |
| | **Gurdaspur** ... | **6·55** | **14·49** | **9 58** | **11·59** | **2·07** | **17·96** | **20 03** | |
| | Bhimpur (*c*) ... | 9·62 | 19·29 | 12·45 | 11 79 | 2·04 | 15·80 | 17·84 | |
| | Pathánkot ... | 8·59 | 22·46 | 14·53 | 12·37 | 2·78 | 18·21 | 20·99 | |
| | Dalhousie ... | 11·36 | 34·65 | 22·19 | 35·02 | 7·77 | 43·90 | 51·67 | |
| | Mádhopur (*c*) ... | 10·14 | 24·36 | 15·41 | 17·15 | 2·45 | 21·19 | 23·64 | |
| | Shakargarh ... | 8·52 | 19·98 | 12·79 | 10·16 | 2·00 | 15·15 | 17·15 | |
| SIALKOT. | Zafarwál ... | 6·62 | 15·33 | 10·16 | 8·10 | 1·40 | 15·60 | 17·00 | Good rain throughout the district. Prospects of kharíf crops excellent. General health of people good. Fair floods in the rivers. |
| | Pasrúr ... | 5·98 | 16·08 | 10·81 | 7·91 | 1·38 | 14·79 | 16·17 | |
| | Raya ... | 7·44 | 11·03 | 7·46 | 7·75 | 1·05 | 12·09 | 13·14 | |
| | Daska ... | 5·29 | 12·82 | 8 68 | 7·44 | 1·69 | 13 94 | 15·63 | |
| | **Sialkot** ... | **6·71** | **17·30** | **11·64** | **6·56** | **2·26** | **13·67** | **15·93** | |
| GUJRAT. | **Sadr** ... | **7 20** | **12·64** | **8 25** | **11·65** | **1·51** | **20·79** | **22·30** | Good rain during the month. Condition of kharíf crops and health of people good. Several floods from hill torrents. The Rivers Chenab and Jhelum are rising. |
| | Gujrát ... | 7·20 | 12·64 | 8·25 | 11·70 | 1·43 | 21·07 | 22·50 | |
| | Khárián ... | 7·81 | 14·37 | 9·45 | 8·06 | 1·81 | 13·63 | 15·44 | |
| | Phália ... | 5·39 | 9 91 | 6·50 | 7·28 | 2·23 | 10·85 | 13·08 | |
| GUJRANWALA. | Rámnagar ... | 4·29 | 7·79 | 4·96 | 6·90 | 1·64 | 12·78 | 14·42 | The rainfall over the district during the month has been much above the average, and has been most favourable for all crops. The area sown is abnormally large and the promise of the crops is excellent. The land is now being prepared for rabi sowings. Fodder is plentiful. Prices falling. |
| | Wazirabad ... | 5·55 | 10 59 | 7·27 | 12·87 | 1·40 | 19·85 | 21·25 | |
| | **Sadr Kacheri** ... | **5·24** | **11·53** | **8 28** | **8 59** | **2·86** | **12·94** | **15 80** | |
| | Shekhupura ... | 2·26 | 5·50 | 3·64 | 12·30 | 0·90 | 15·30 | 16·20 | |
| | Háfizabad ... | 4 07 | 9·11 | 6·40 | 8·80 | 1·35 | 13·39 | 14·74 | |
| | Meluana (*c*) ... | ... | ... | ... | 3·60 | 1·81 | 8·10 | 9·91 | |
| | Shahkot (*c*) ... | ... | ... | ... | 5·60 | 2·23 | 8·60 | 10·83 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st July. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | 6·83 | 4·40 | 3·76 | 1·68 | 6·24 | 7·92 | Extra rabi being reaped in the Shahpur Bár. Cotton prospects good. Kharíf prospects good. Rabi irrigation in progress. Good rain south and east of Shahpur station. Health good. *Bhera Tahsíl.*—Prospects good. More rain wanted. Grass prospects good. *Khusháb Tahsíl.*—Health and prospects good. Ploughings backward in the Thal and grazing insufficient. There has been more rain and the general prospects of the district are very promising. |
| | Sahiwál ... | 2·74 | 8·44 | 4·76 | 4·15 | 0·81 | 7·33 | 8·14 | |
| | Núrpur ... | 1·23 | 2·93 | 1·10 | 2·30 | 0·73 | 6·30 | 7·03 | |
| | Mitha Tiwána ... | 2·75 | 5·04 | 2·50 | 0·73 | 0·40 | 2·33 | 2·73 | |
| | Sakesar ... | 2·31 | 4·75 | 2·49 | 4·28 | 0·60 | 6·61 | 7·21 | |
| | Naushahra ... | 3·45 | 9·44 | 3·97 | 2·60 | 1·50 | 4·40 | 5·90 | |
| | Khusháb ... | 2·56 | 4·75 | 2·71 | 1·30 | 1·02 | 2·72 | 3·74 | |
| | **Shahpur** ... | **3·58** | **6·14** | **3·71** | **1·11** | **1·03** | **3·89** | **4·92** | |
| | Bhera ... | 3·60 | 5·98 | 3·36 | 3·46 | 0·44 | 4·71 | 5·15 | |
| | Miáni ... | 5·03 | 5·14 | 2·57 | 3·98 | 1·60 | 4·78 | 6·38 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | 7·30 | 4·84 | 4·58 | 1·76 | 6·48 | 8·24 | Kharíf sowings have been completed and the young crops are flourishing owing to heavy rains. Health of people good. The river has been inundated on four occasions during the month. |
| | **Sadr Station** ... | **6·03** | **10·79** | **7·22** | **13·13** | **1·69** | **18·64** | **20·33** | |
| | Chakwál ... | 4·13 | 7·02 | 4·44 | 8·33 | 1·81 | 12·50 | 14·31 | |
| | Talagang ... | 4·80 | 7·65 | 4·72 | 4·74 | 1·66 | 10·70 | 12·36 | |
| Rawalpindi. | Pindigheb ... | 5·13 | 6·88 | 3·78 | 4·74 | 2·14 | 7·31 | 9·45 | Kharíf prospects good in all Tahsíls except Attock and Ráwalpindi, where they are average. Health of people good. |
| | Fatahjang ... | 10·10 | 6·35 | 3·03 | 6·45 | 3·83 | 7·55 | 11·38 | |
| | Attock ... | 7·15 | 8·40 | 4·17 | 5·00 | 1·90 | 7·40 | 9·30 | |
| | **Rawalpindi** ... | **8·56** | **13·01** | **7·61** | **20·47** | **4·07** | **25·39** | **29·46** | |
| | Gujar Khan ... | 10·17 | 10·07 | 6·07 | 11·13 | 4·55 | 17·37 | 21·92 | |
| | Kahuta ... | 12·04 | 12·68 | 8·16 | 23·89 | 2·94 | 27·16 | 30·10 | |
| | Murree ... | 12·85 | 21·51 | 11·64 | 11·80 | 3·40 | 18·10 | 21·50 | |
| Hazára. | **Abbott-abad** ... | **15·31** | **17·90** | **8·57** | **10·59** | **6·81** | **16·61** | **23·42** | Heavy rains and crops growing fast. Health of people good. Prices stationary. Water from water-cuts and irrigation channels sufficient. |
| | Mansáhra ... | 12·76 | 14·27 | 6·52 | 11·13 | 6·59 | 18·47 | 25·06 | |
| | Haripur ... | 10·95 | 11·94 | 5·40 | 9·06 | 3·60 | 11·89 | 15·49 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st July 1890. | Total. | Condition of crops and health of people. |
| PESHAWAR. | Sawábi ... | 6·86 | 6·26 | 2·26 | 3·41 | 5·43 | 5·89 | 11·32 | The outturn of the extra rabi crops was average. Kharíf sowings are in progress. The condition of the standing crops is good. Health good.<br>The recent rain has done good to the kharíf crops. Fodder plentiful.<br>Locusts visited the district from the south-east direction and passed over the villages of Sarozai, Badher and Achini Bala towards the west. No damage done.<br>There was the usual supply of water in the canals. |
| | Lahore (Utmán Bolak) | 8·95 | 6·03 | 1·83 | 2·37 | 1·90 | 3·67 | 5·57 | |
| | Naushahra ... | 7·40 | 6·26 | 2·11 | 2·77 | 3·93 | 4·17 | 8·10 | |
| | Mardán ... | 9·48 | 7·54 | 2·74 | 8·46 | 3·72 | 10·35 | 14·07 | |
| | Katlang ... | 7·43 | 5·68 | 1·75 | 5·78 | 4·07 | 7·08 | 11·15 | |
| | Hashtnagar ... | 6·00 | 4·54 | 1·51 | 2·19 | 1·53 | 3·72 | 5·25 | |
| | Doáb Daudzai ... | 6·92 | 5·30 | 1·82 | 1·20 | 2·00 | 2·43 | 4·43 | |
| | **Peshawar ...** | **5·82** | **4·48** | **1·79** | **0·97** | **1·66** | **3·40** | **5·06** | |
| KOHAT. | **Kohat ...** | **6·48** | **8·22** | **4·38** | **0·78** | **3·38** | **6·20** | **9·58** | There has been fair amount of rain throughout the district during the month and good area has been sown with kharif crops.<br>Prospects of the crops are for the present very good.<br>There is sufficient water in Toi and springs.<br>Health of the people is fair. |
| | Hangu ... | ... | ... | ... | 4·80 | 2·70 | 7·90 | 10·60 | |
| | Thal ... | ... | ... | ... | 1·50 | 2·00 | 5·48 | 7·48 | |
| | Karak ... | ... | ... | ... | 4·78 | 2·46 | 11·53 | 13·99 | |
| BANNU. | Miánwáli ... | 2·95 | 5·19 | 1·84 | 0·15 | 0·38 | 0·19 | 0·57 | Kharíf crops good.<br>Health of people good.<br>Rate of wheat stationary; 24 to 25 seers a rupee. No locusts appeared.<br>Canals working good. |
| | Isa Khel ... | 3·13 | 4·36 | 1·36 | 0·77 | 2·18 | 1·25 | 3·43 | |
| | **Bannu ...** | **3·79** | **5·18** | **2·02** | **1·86** | **2·27** | **4·15** | **6·42** | |
| | Marwat ... | 4·72 | 6·40 | 2·26 | 2·52 | 3·98 | 3·58 | 7·56 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st July. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st July 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·45 | 3·30 | 0·70 | 1·47 | 0·97 | 4·79 | 5·76 | Condition of cotton and extra rabi crops good. Kharíf sowing commenced. Fodder supply good except in the Thal. Prices stationary. |
| | Kuláchi ... | 2·26 | 3·05 | 1·24 | 3·64 | 0·98 | 5·92 | 6·90 | |
| | **Dera I. Khan ...** | **2·52** | **3·60** | **1·81** | **1·77** | **0·52** | **3·35** | **3·87** | |
| | Bhakkar ... | 2·98 | 3·22 | 1·55 | 2·26 | 0·65 | 3·32 | 3·97 | |
| | Leiah ... | 1·74 | 2·92 | 1·35 | 1·93 | 0·01 | 2·19 | 2·20 | |
| D. G. Khan. | Sangarh ... | 1·42 | 2·61 | 1·46 | 2·05 | 0·30 | 2·74 | 3·04 | Crop average, except in the Sangarh Tahsíl, where there has been less cultivation owing to heavy hill torrents, which have often swept away embankments. Health of people good. Canals working well. On 19th July 1890 locusts appeared in village Khákhi from the west and passed on to the north. No damage was done to crops. |
| | **Dera G. Khan ...** | **1·86** | **3·46** | **2·15** | **0·50** | **0·46** | **0·70** | **1·16** | |
| | Fort Munro ... | 0·92 | 5·02 | 3·30 | 4·80 | ... | 7·07 | 7·07 | |
| | Jámpur ... | 1·88 | 2·51 | 1·40 | ... | 0·69 | 0·14 | 0·83 | |
| | Rájanpur ... | 3·24 | 1·50 | 0·74 | 0·47 | ... | 0·47 | 0·47 | |
| Muzaffargarh. | Alipur ... | 2·30 | 3·53 | 1·67 | 0·80 | 0·10 | 0·80 | 0·90 | Condition of crops good. Health of people good. All the canals are running and supply sufficient water. |
| | **Muzaffargarh ...** | **1·37** | **2·41** | **1·35** | **2·57** | **0·61** | **2·80** | **3·41** | |
| | Sinánwán ... | 1·28 | 2·00 | 0·93 | 0·67 | 1·19 | 0·67 | 1·86 | |

PESTONJI *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors to the Agricultural Prospect Report.

*For the month of January* 1890.

Against *Rúpar* (*Umballa District*) read in Columns 6, 7 and 9, 0·60 instead of 0·40.

*For the month of February* 1890.

Against *Rúpar* (*Umballa District*) in Columns 7 and 9 read 0·63 instead of 0·43.

*For the month of March* 1890.

Against *Rúpar* (*Umballa District*) insert in Columns 7 and 9, 3·08 instead of 2·88.
Against *Fázilka* (*Ferozepore District*) insert in Columns 7 and 9, 0·68 instead of 0·50.

*For the month of April* 1890.

Against *Kharar* (*Umballa District*) insert in Columns 6 and 8, 1·34, and in 9, 4·04 instead 1·04 and 3·72 respectively.
Against *Rúpar* (*Umballa District*) insert in Columns 7 and 9, 3·08 and 4·20 instead of 2·88 and 4·00 respectively.
Against *Kot Khai and Kotgarh* (*Simla District*) insert in Columns 7 and 9, 4·22 instead of 4·20.
Against *Fázilka* (*Ferozepore District*) insert in Columns 7 and 9, 0·68 instead 0·52.
Against *Naushahra* (*Shahpur District*) insert in Columns 6 and 8, 1·00, and in Column 9, 2·50 instead 1·04 and 2·54 respectively.
Against *Khusháb* (*Shahpur District*) insert in Columns 6 and 8, 0·18, and in Column 9, 1·20 instead of 0·24 and 1·26 respectively.
Against *Shahpur* (*Shahpur District*) insert in Columns 6 and 8, 0·63, and in Column 9, 1·66 instead 0·53 and 1·56 respectively.
Against *Bhera* (*Shahpur District*) insert in Columns 6 and 8, 0·24, and in Column 9, 0·68 instead of 0·37 and 0·81 respectively.
Against *Miáni* (*Shahpur District*) insert in Columns 6 and 8, 0·35, and in Column 9, 1·95 instead of 0·20 and 1·80 respectively.
Against *Kuláchi* (*Dera Ismail Khan District*) insert in Column 6, 0·20 instead of 2·08.

*For the month of May* 1890.

Against *Farukhnagar* (*Gurgaon District*) read in Columns 7 and 9, 1·34 instead of 1·43.
Against *Sadr* (*Delhi District*) insert in Columns 9 and 10, 1·16 instead 1·14.
Against *Rajaundh* (*Karnál District*) omit from Columns 6 and 8, 1·00 and in Column 11 *for* 1·20 *read* 0·20.
Against *Kharar* (*Umballa District*) insert in Columns 8 and 9, 1·48 and 4·19 instead of 1·15 and 3·86 respectively.
Against *Rúpar* (*Umballa District*) insert in Columns 7 and 9, 3·08 and 4·44 instead of 2·88 and 4·24 respectively.
Against *Fazilka* (*Ferozepore District*) insert in Columns 7 and 9, 0·68 instead of 0·52.
Against *Naushahra* (*Shahpur District*) insert in Columns 8 and 9, 1·20 and 2·70 instead 1·24 and 1·24 respectively.
Against *Khusháb* (*Shahpur District*) insert in Columns 8 and 9, 0·36 and 1·38 instead of 0·42 and 1·44 respectively.
Against *Shahpur* (*Shahpur District*) in Columns 8 and 9, insert 0·96 and 1·99 instead of 0·86 and 1·89 respectively.
Against *Bhera* (*Shahpur District*) in Columns 8 and 9, insert 0·92 and 1·36 instead of 1·05 and 1·49 respectively.
Against *Miáni* (*Shahpur District*) in Columns 8 and 9, read 0·35 and 1·95 instead of 0·20 and 1·80 respectively.

*For the month of June* 1890.

Against *Gohána* (*Rohtak District*) read in Column 8, 4·46 instead of 4·45.
Against *Farukhnagar* (*Gurgaon District*)—read in Columns 7 and 9, 1·34 and 3·41 instead of 1·43 and 3·50 respectively.
Against *Sadr* (*Delhi District*) insert in Columns 8 and 9, 3·19 and 4·01 instead of 3·17 and 3·99 respectively
Against *Kharar* (*Umballa District*) insert in Columns 8 and 9, 2·86 and 5·57 instead of 2·53 and 5·24 respectively
Against *Rúpar* (*Umballa District*) insert in Columns 7 and 9, 3·08 and 8·37 instead 2·88 and 8·37 respectively.
Against *Dasúya* (*Hoshiárpur District*) insert in Columns 6, 8 and 9, 2·83, 3·19 and 5·39 instead of 2·08 2·44 and 4·64 respectively.
Against *Una* (*Hoshiárpur District*) insert in Columns 6, 8 and 9, 1·98, 3·39 and 5·88 instead of 1·83, 3·24 and 5·73 respectively.
Against *Garhshankar* (*Hoshiárpur District*) insert in Columns 6, 8 and 9, 3·56, 3·96 and 5·49, instead of 2·63, 3·03 and 4·56 respectively.
Against *Sadr* (*Hoshiárpur District*) insert in Columns 6, 8 and 9, 4·45, 5·38 and 7·95 instead of 3·84, 4·77 and 7·34 respectively.
Against *Hoshiárpur* (*Hoshiárpur District*) insert in Columns 6, 8 and 9, 4·49, 5·50 and 8·34, instead of 3·88, 4·89 and 7·73 respectively.
Against *Jagraon* (*Ludhiána District*) in Column 9 for 3·90 read 3·92
Against *Fázilka* (*Ferozepore District*) insert in Columns 7 and 9, 0·68 and 1·71 instead of 0·52 and 1·55 respectively.
Against *Montgomery* (*Montgomery District*) insert in Columns 6 and 8, 0·41, and in 9, 0·91 instead of 0·33 and 0·83 respectively.
Against *Naushahra* (*Shahpur District*) insert in Columns 8 and 9, 1·80 and 3·30 instead of 1·84 and 3·34 respectively.
Against *Khusháb* (*Shahpur District*) insert in Columns 8 and 9, 1·42 and 2·44 instead of 1·48 and 2·56 respectively.
Against *Shahpur* (*Shahpur District*) insert in Columns 8 and 9, 2·78 and 3·81 instead of 2·68 and 3·74 respectively.
Against *Bhera* (*Shahpur District*) insert in Columns 8 and 9, 1·25 and 1·69 instead of 1·38 and 1·82 respectively.
Against *Miáni* (*Shahpur District*) insert in Columns 8 and 9, 0·80 and 2·40 instead of 0·65 and 2·25 respectively.

PESTONJI, *Superintendent,*
*Office of Director of Land Records, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 26th JULY 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 4 | 6 | 5 | 3 | 2 | ... | ... | 5 | ... | ... | ... | ... | ... | ... | 22 | 18 |
| 2 | | Hansi ... | 12,656 | 7 | 11 | 18 | 9 | 7 | 2 | ... | ... | 3 | 1 | ... | 5 | 4 | ... | 4 | 74 | 37 |
| 3 | | Bhiwani ... | 33,762 | 17 | 20 | 37 | 13 | 3 | 10 | ... | ... | 2 | 2 | ... | 9 | 1 | 3 | 4 | 57 | 20 |
| 4 | | Sirsa ... | 12,292 | 14 | 4 | 18 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 1 | 1 | 2 | 76 | 21 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 6 | 10 | 8 | 4 | 4 | ... | ... | 5 | 1 | ... | 2 | 1 | ... | 1 | 33 | 27 |
| 6 | | Jhajjar ... | 11,650 | 7 | 6 | 13 | 4 | 4 | ... | ... | ... | 1 | ... | ... | 3 | 1 | ... | 1 | 58 | 18 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 13 | 9 | 22 | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | ... | 1 | 1 | 47 | 6 |
| 8 | | Palwal ... | 10,635 | 5 | 11 | 16 | 7 | 5 | 2 | ... | ... | ... | ... | ... | 7 | 3 | ... | 3 | 78 | 34 |
| 9 | Delhi ... | Delhi ... | 117,363 | 54 | 54 | 108 | 79 | 36 | 43 | ... | 2 | 36 | 6 | ... | 35 | 17 | 14 | 31 | 48 | 35 |
| 10 | | " Suburbs ... | 52,882 | 11 | 14 | 25 | 17 | 7 | 10 | ... | ... | 12 | ... | 1 | 4 | 2 | 4 | 6 | 25 | 17 |
| 11 | | Sonepat ... | 13,077 | 2 | 3 | 5 | 6 | 2 | 4 | ... | ... | 3 | ... | ... | 3 | 2 | 1 | 3 | 20 | 24 |
| 12 | Karnal ... | Karnal ... | Return not received. | | | | | | | | | | | | | | | | | |
| 13 | | Kaithal ... | | | | | | | | | | | | | | | | | | |
| 14 | | Panipat ... | | | | | | | | | | | | | | | | | | |
| 15 | Umballa ... | Umballa ... | 26,777 | 11 | 13 | 24 | 29 | 13 | 16 | 1 | 2 | 12 | 2 | ... | 12 | 4 | 5 | 9 | 47 | 57 |
| 16 | | Jagadhri ... | 12,300 | 1 | 3 | 4 | 10 | 8 | 2 | ... | 1 | 2 | 1 | ... | 6 | 2 | ... | 2 | 17 | 42 |
| 17 | | Shahabad ... | 10,218 | 2 | 4 | 6 | 5 | 4 | 1 | ... | ... | 4 | ... | ... | 1 | 2 | ... | 2 | 31 | 26 |
| 18 | | Sadhaura ... | 10,794 | 4 | 5 | 9 | 2 | 1 | 1 | ... | ... | ... | 1 | ... | 1 | 1 | ... | 1 | 43 | 10 |
| 19 | | Rupar ... | 10,326 | 6 | 4 | 10 | 7 | 3 | 4 | ... | ... | 2 | 1 | ... | 4 | 2 | ... | 2 | 50 | 35 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 5 | 3 | 8 | 4 | 1 | 3 | ... | ... | 2 | ... | ... | 2 | 1 | 1 | 2 | 31 | 16 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 6 | 11 | 7 | 3 | 4 | ... | ... | 5 | 1 | ... | 1 | 1 | 2 | 3 | 56 | 35 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 16 | 22 | 38 | 25 | 16 | 9 | ... | ... | 10 | 1 | ... | 14 | 10 | 5 | 15 | 64 | 42 |
| 23 | | " Suburbs ... | 11,474 | 7 | 4 | 11 | 10 | 5 | 5 | ... | ... | 3 | 2 | ... | 5 | 3 | 2 | 5 | 50 | 45 |
| 24 | | Rahon ... | 11,736 | 1 | ... | 1 | 4 | 2 | 2 | ... | ... | 4 | ... | ... | ... | ... | 1 | 1 | 4 | 18 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 23 | 17 | 40 | 20 | 11 | 9 | ... | 1 | 17 | ... | ... | 2 | 2 | 2 | 4 | 47 | 24 |
| 26 | | Jagraon ... | 16,873 | 6 | 4 | 10 | 10 | 3 | 7 | ... | ... | 5 | ... | ... | 5 | 2 | 2 | 4 | 31 | 31 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 4 | 2 | 6 | 12 | 10 | 2 | ... | ... | 8 | 1 | ... | 3 | 5 | ... | 5 | 15 | 30 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 17 | 10 | 27 | 21 | 14 | 7 | ... | ... | 10 | 1 | ... | 10 | 6 | 5 | 11 | 44 | 34 |
| 29 | | " Suburbs ... | 25,593 | 10 | 12 | 22 | 13 | 8 | 5 | ... | ... | 5 | ... | ... | 8 | 3 | 2 | 5 | 45 | 27 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 11 | 8 | 19 | 4 | 3 | 1 | ... | ... | 1 | ... | ... | 3 | 1 | ... | 1 | 79 | 16 |
| 31 | | Chiniot ... | 11,191 | 5 | 2 | 7 | 8 | 5 | 3 | ... | ... | ... | 2 | 1 | 5 | 3 | 2 | 5 | 33 | 37 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| N | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore | Lahore ... | 97,208 | 42 | 30 | 72 | 66 | 30 | 36 | ... | ... | 40 | 3 | ... | 23 | 6 | 9 | 15 | 39 | 35 |
| 33 | | " Suburbs ... | 41,670 | 10 | 4 | 14 | 19 | 12 | 7 | ... | ... | 12 | ... | ... | 7 | 2 | 3 | 5 | 17 | 24 |
| 34 | | Kasur ... | 17,336 | 6 | 4 | 10 | 7 | 4 | 3 | ... | ... | 4 | 2 | ... | 1 | ... | ... | ... | 30 | 21 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 65 | 46 | 111 | 88 | 42 | 46 | 1 | ... | 52 | 3 | 1 | 31 | 10 | 13 | 23 | 40 | 32 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 10 | 12 | 22 | 17 | 12 | 5 | ... | ... | 12 | 1 | ... | 4 | ... | ... | ... | 47 | 37 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 12 | 14 | 26 | 10 | 6 | 4 | ... | ... | 3 | 2 | ... | 5 | 3 | 2 | 5 | 40 | 15 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 9 | 5 | 14 | 7 | 6 | 1 | ... | ... | 3 | ... | ... | 4 | ... | ... | ... | 39 | 19 |
| 39 | | Jalalpur ... | 12,839 | 6 | 7 | 13 | 5 | 3 | 2 | ... | ... | 3 | ... | ... | 2 | ... | ... | ... | 53 | 20 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 12 | 12 | 24 | 10 | 6 | 4 | ... | ... | 3 | ... | 1 | 6 | 1 | 1 | 2 | 55 | 23 |
| 41 | | Wazirabad ... | 16,462 | 5 | 7 | 12 | 7 | 6 | 1 | ... | ... | 3 | ... | ... | 4 | 3 | 1 | 4 | 38 | 22 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 7 | 7 | 14 | 10 | 5 | 5 | ... | ... | 7 | ... | ... | 3 | 3 | ... | 3 | 48 | 34 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 1 | 2 | 3 | 8 | 4 | 4 | ... | ... | 6 | ... | ... | 2 | ... | ... | ... | 9 | 25 |
| 44 | | Pind Dadan Khan ... | 16,724 | 2 | 1 | 3 | 10 | 5 | 5 | ... | ... | 5 | 5 | ... | ... | ... | 1 | 1 | 9 | 31 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 4 | 6 | 10 | 19 | 12 | 7 | ... | ... | 9 | 1 | 1 | 8 | ... | 1 | 1 | 19 | 36 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 18 | 16 | 34 | 35 | 18 | 17 | ... | 1 | 23 | ... | 3 | 8 | 8 | 8 | 16 | 30 | 31 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | ... | 3 | 2 | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 12 | 8 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 5 | 6 | 11 | 7 | 3 | 4 | ... | ... | 2 | 1 | ... | 4 | 1 | 2 | 3 | 30 | 19 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 3 | 5 | 8 | 5 | 2 | 3 | ... | ... | 3 | 1 | ... | 1 | 1 | ... | 1 | 21 | 13 |
| | Birth and death rate of London for the week ending 5th July 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·2 | 17·5 |
| | | Grand Total ... | 1,247,331 | 490 | 445 | 935 | 679 | 364 | 315 | 2 | 7 | 353 | 42 | 8 | 267 | 118 | 94 | 212 | 39 | 28 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 4 | 1 | 5 | 5 | 4 | 1 | ... | 1 | 4 | ... | ... | ... | 1 | ... | 1 | 21 | 21 |
| | Dharmsala ... | ... ... ... | 3,839 | 2 | 1 | 3 | 9 | 8 | 1 | 5 | ... | 2 | 1 | ... | 1 | ... | ... | ... | 41 | 122 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | 3 | 2 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | 63 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The* 16*th August* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 26th July 1890.*

*General results.*—The return is incomplete, the registers for the districts of Karnál and Bannu not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 8,497 against 8,268 in the previous week and 8,098 in the corresponding week of the past year, giving, respectively, an annual death-rate of 24·8, 24·1 and 23·6 per 1,000 of population. The registered mortality is 0·7 per 1,000 greater than the rate registered last week and is 0·8 per 1,000 greater than the average rate of the corresponding week of the five years 1885—89.

*Cholera.*—There were 108 deaths registered under the head of cholera against 66 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... | Rural Circles ... ... ... | 14 |
| Delhi ... ... | Rural Circle ... ... ... | 9 |
| Umballa ... ... | Umballa Town... ... ... | 1 |
| Do. ... ... | Thanesar Town ... ... ... | 7 |
| Kangra ... ... | Dharmsala Town ... ... | 5 |
| Do. ... ... | Rural Circles ... ... ... | 25 |
| Hoshiarpur ... ... | Rural Circle ... ... ... | 15 |
| Montgomery ... ... | Ditto ... ... ... | 1 |
| Lahore ... ... | Chunian Town ... ... ... | 25 |
| Do. ... ... | Rural Circles ... ... ... | 5 |
| Amritsar ... ... | Amritsar Town ... ... ... | 1 |
| | Total ... | 108 |

*Small-pox.*—From small-pox 109 deaths were registered against 163 in the previous week and 91 in the corresponding week of the past year.

*Fevers.*—From fevers there were 5,661 deaths against 5,666 in the previous week and 5,305 in the corresponding week of the past year.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 210 deaths against 196 and 288 in the corresponding week of the past year registered under head of bowel complaints.

*Chest disease.*—Four hundred and forty-five against 359 and 438.

*Snake-bite.*—Fifty-one against 54 and 63.

*Hydrophobia.*—Four against *nil* and 3.

*All other Causes.*—One thousand nine hundred and nine against 1,764 in the previous week and 1,837 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand three hundred and eighty-one deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,263 were males and 1,118 females.

*Births and Deaths in Municipal Towns.*—In the 46 large Municipal towns 679 deaths were registered (364 males and 315 females), giving a death-rate of 28 per mille of population; 935 births were registered (490 males and 445 females), giving a birth-rate of 39 per mille of population.

LAHORE :
*The 16th August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during July 1890. | | | |
|---|---|---|---|---|
| | *Depth in Canal at regulating gauge.* | | *Gross consumption, cubic feet per second.* | |
| | Full supply. | Actual throughout. | Estimated full supply. | Actual average throughout. |
| PERENNIAL CANALS. | | | | |
| SWAT RIVER CANAL ... ... ... ... ... | 6·5 | 5·1 | 720 | 573 |
| Total Swat River Canal ... ... | ... | ... | 720 | 573 |
| Corresponding period of last year ... | ... | ... | 720 | 409 |
| WESTERN JUMNA CANAL. | | | | |
| At Dádúpur ... ... ... ... ... ... | 4·33 | 4·4 | 2,557 | 2,652 |
| Main Line Rájbahas ... ... ... ... ... | ... | ... | ... | 233 |
| Hánsi Branch ... ... ... ... ... ... | 7·0 | ... | ... | 1,138 |
| Delhi Branch ... ... ... ... ... ... | 7·0 | 5·38 | ... | 641 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | } 640 |
| Loss by absorption ... ... ... ... ... | ... | ... | ... | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 2,652 |
| Corresponding period of last year ... | ... | ... | 2,546 | 1,815 |
| BARI DOAB CANAL. | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 4·78 | | 1,586 |
| 2nd " Main Branch Lower ... ... ... ... | } 4·6 | 2·43 | 3,074 | 192 |
| 3rd " " " " ... ... ... ... | | | | 843 |
| 2nd " Lahore Branch ... ... ... ... | 3·35 | 2·74 | | 488 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | 274 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 3,383 |
| Corresponding period of last year ... | ... | ... | 3,074 | 3,474 |
| SIRHIND CANAL. | | | | |
| Main Line ... ... ... ... ... ... | 7·6 | 6·85 | 4,500 | 3,806 |
| Abohar Branch ... ... ... ... ... | 5·26 | 5·32 | 1,530 | 1,659 |
| Bhatinda Branch ... ... ... ... ... | 6·08 | 5·28 | 1,350 | 1,133 |
| Feeders ... ... ... ... ... ... | 6·73 | 4·91 | 1,620 | 1,014 |
| British Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Sirhind Canal ... ... | ... | ... | 4,500 | 3,806 |
| Corresponding period of last year ... | ... | ... | 4,500 | 2,396 |
| CHENAB CANAL... ... ... ... ... ... | 7·0 | 3·14 | 1,800 | 459·1 |
| Corresponding period of last year ... | ... | ... | 1,800 | 194 |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| LOWER SOHAG CANAL ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890 *up to* 31*st July* 1890.

| LAND IRRIGATED (APPROXIMATE). | | RAINFALL. | | | CHIEF CROPS (APPROXIMATE). | | REMARKS. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| | | | | | Sugar-cane ... | 1,017 | |
| | | | | | Rice ... | 3,110 | |
| | | | | | Cotton ... | 4,288 | |
| Pesháwar ... | 10,642 | 9 | 3·66 | 7·85 | Others ... | 204 | |
| | | | | | Miscellaneous | 2,023 | |
| ... | 10,642 | ... | ... | ... | ... | 10,642 | |
| ... | 8,956 | ... | ... | ... | ... | 8,956 | |
| Umballa ... | 1,586 | 20 | 9·7 | 23·1 | Sugar-cane ... | 51,410 | Demand keen throughout the month, especially on the Hánsi Branch. |
| Kalsia ... | 947 | ... | ... | ... | Rice ... | 24,958 | |
| Karnál ... | 29,355 | } 20 | 7·8 | 12·9 | Cotton ... | 48,431 | |
| Rohtak ... | 43,301 | | 5·6 | 9·4 | Indigo ... | 9,951 | |
| Delhi ... | 36,990 | | 8·8 | ... | Others ... | 14,017 | |
| Hissar ... | 36,539 | | 5 6 | 2·5 | | | |
| Bikaner ... | 49 | ... | ... | ... | | | |
| ... | 148,767 | ... | ... | ... | ... | 148,767 | |
| ... | 133,360 | ... | ... | ... | ... | 133,360 | |
| Gurdáspur ... | 22,563 | 11 | 12·88 | 10·10 | Sugar-cane ... | 13,376 | Compared with the corresponding period of last year, there is a decrease of 3,197 acres under sugar-cane, but an increase of 9,810 acres under rice and 12,318 acres under cotton. Supply sufficient. Demand moderate. Rainfall above average in Amritsar and Lahore Districts. |
| Amritsar ... | 56,868 | 8 | 5·81 | 6·66 | Rice ... | 29,779 | |
| Lahore ... | 80,393 | 8 | 5·72 | 10·44 | Cotton ... | 34,386 | |
| | | | | | Miscellaneous | 82,283 | |
| ... | 159,824 | ... | ... | ... | ... | 159,824 | |
| .. | 152,170 | ... | ... | ... | ... | 152,170 | |
| Ludhiána ... | 5,612 | } 8 | 8·0 | 7·55 | Sugar-cane ... | 1,053 | Kharif prospects much improved, 41,475 acres having been booked during month. |
| Ferozepore ... | 50,106 | | 4·6 | 6·00 | Rice ... | 5 | |
| Hissar ... | 604 | | 5·3 | 2·5 | Cotton ... | 13,264 | |
| Farídkot ... | 6,130 | ... | ... | ... | Indigo ... | 37 | |
| Patiála ... | 10,108 | ... | ... | ... | Others ... | 61,946 | |
| Nábha ... | 3,348 | ... | ... | ... | | | |
| Jínd ... | 236 | ... | ... | ... | | | |
| Kalsia ... | 161 | ... | ... | ... | | | |
| ... | 76,305 | ... | ... | ... | ... | 76,305 | |
| ... | 37,975 | ... | ... | ... | ... | 37,975 | |
| | | | | | Sugar-cane ... | 1,403 | |
| | | | | | Cotton ... | 6,269 | |
| Gujránwála ... | 27,494 | 5 | 4·07 | 6·95 | Rice ... | 7,904 | |
| | | | | | Others ... | 1,547 | |
| | | | | | Miscellaneous | 10,371 | |
| | | | | | | 27,494 | |
| ... | 17,842 | ... | ... | ... | ... | 17,842 | |
| ... | 423,032 | ... | ... | ... | ... | 423,032 | |
| ... | 350,303 | ... | ... | .. | ... | 350,303 | |
| Montgomery ... | 28,031 | ... | ... | ... | ... | 28,031 | Decrease of 1,641 acres as compared with last year, due to low supply. |
| ... | 29,672 | ... | ... | ... | ... | 29,672 | |

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during July 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| INUNDATION CANALS—CONCLUDED. | | | | |
| SIDHNAI CANAL ... ... ... ... ... | 6·0 | 4·2 | 1,072 | 924 |
| Corresponding period of last year ... | ... | ... | 1,072 | 395 |
| UPPER SUTLEJ CANALS ... ... ... ... ... | ... | ... | ... | ... |
| LOWER SUTLEJ AND CHENAB CANALS ... ... ... | ... | ... | ... | ... |
| INDUS CANALS ... ... ... ... ... ... | ... | ... | ... | ... |
| MUZAFFARGARH CANALS ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| ABSTRACT. | | | | |
| PERENNIAL CANALS. | | | | |
| Swat River Canal ... ... ... ... ... | ... | ... | ... | ... |
| Western Jumna Canal ... ... ... ... ... | ... | ... | ... | ... |
| Bári Doáb Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sirhind Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Chenab Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... ... ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| GRAND TOTAL PERENNIAL & INUNDATION CANALS ... | ... | ... | ... | ... |
| CORRESPONDING PERIOD OF LAST YEAR ... | ... | ... | ... | ... |

LAHORE:
*The 17th August* 1890.

*of* 1890 *up to* 31*st July* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Mooltan ... | 30,028 | ... | ... | ... | Sugar-cane ...<br>Cotton ...<br>Rice ...<br>Indigo ..<br>Miscellaneous | 84<br>4,479<br>678<br>286<br>24,551 | The area irrigated during the month has been satisfactory. A high supply has been run to prevent the silting of the Rájbahas and there is much more water than can be used. Cultivators are short, especially on the Makhdúm Rashíd Rájbaha. The falling-off is in cotton, the season having almost gone before the canal began to flow The Korangs Canal irrigation has begun very satisfactorily. There was fair rain on the 2nd and 3rd July. |
| | | | | | | 30,028 | |
| ... | 36,148 | ... | ... | ... | ... | 36,148 | |
| Lahore ... | 11,236 | ... | ... | ... | ... | 11,236 | |
| Montgomery... | 44,146 | ... | ... | ... | ... | 44,146 | |
| Mooltan ... | 189,326 | 26 | 1·42 | 0·97 | ... | 189,326 | |
| Dera Gházi Khan | 111 474 | 10 | 1·80 | 0·50 | ... | 111,474 | |
| Muzaffargarh ... | 138,830 | 5 | 0·80 | 2·45 | ... | 138,830 | |
| ... | 553,071 | ... | ... | ... | ... | 553,071 | |
| ... | 633,498 | ... | ... | ... | ... | 633,498 | |
| ... | 10,642 | ... | ... | ... | ... | 10,642 | |
| ... | 148,767 | ... | ... | ... | ... | 148,767 | |
| ... | 159,824 | .. | ... | ... | ... | 159,824 | |
| ... | 76,305 | ... | ... | ... | ... | 76,305 | |
| ... | 27,494 | ... | ... | ... | ... | 27,494 | |
| ... | 423,032 | ... | ... | ... | ... | 423,032 | |
| ... | 28,031 | ... | ... | ... | ... | 28,031 | |
| ... | 30,028 | ... | ... | ... | ... | 30,028 | |
| ... | 55,382 | ... | ... | ... | ... | 55,382 | |
| ... | 189,326 | ... | ... | ... | ... | 189,326 | |
| ... | 111,474 | ... | ... | ... | ... | 111,474 | |
| ... | 138,830 | ... | ... | ... | ... | 138,830 | |
| ... | 553,071 | ... | ... | ... | ... | 553,071 | |
| ... | 976,103 | ... | ... | ... | ... | 976,103 | |
| ... | 983,801 | ... | ... | ... | ... | 983,801 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## STATEMENT No. I.

### IRRIGATION OPERATIONS OF THE RABI CROP OF 1889-90 ON INUNDATION CANALS.

*Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICTS. | Area in acres. | Cultivated area in acres. | AREA IRRIGATED. | | COMPARISON WITH LAST CROP. | | RAINFALL IN RABI MONTHS. | | | | | | | | | | | | | |
| | | | | | | | October. | | November. | | December. | | January. | | February. | | March. | | Total. | |
| | | | 1889-90 | 1888-89. | Increase. | Decrease. | 1889. | 1888. | 1889. | 1888. | 1889. | 1888. | 1890. | 1889. | 1890. | 1889. | 1890. | 1889. | 1889-90. | 1888-89. |
| Lahore ... ... ... | 2,334,552 | 1,164,921 | 22,544 | 13,419 | 9,125 | ... | ... | 0·1 | ... | ... | ... | ... | 0·2 | 1·1 | 0·1 | 1·6 | 0·8 | ... | 1·1 | 2·8 |
| Montgomery ... ... | 3,567,750 | 357,622 | 40,813 | 41,179 | ... | 366 | ... | ... | ... | .. | ... | ... | 0 2 | 2·0 | ... | 1·6 | 0·5 | ... | 0·7 | 3·6 |
| Montgomery (Lower Sohág and Pára Canal). | Given | above. | 28,477 | 33,279 | ... | 4,802 | Given | above. | | | | | | | | | | | | |
| Mooltan ... ... | 3,763,200 | 799,360 | 161,495 | (*a*) 159,145 | 2,350 | ... | ... | ... | ... | 0·1 | ... | ... | ... | 0 3 | ... | 0·6 | 0·5 | 0·1 | 0·5 | 1·1 |
| Mooltan (Sidhnai Canal) ... | Given | above. | (*b*) 45,939 | (*c*) 55,130 | ... | 9,191 | ... | ... | ... | ... | ... | ... | ... | 0·2 | ... | 0·8 | 0·2 | ... | 0·2 | 1·0 |
| Muzaffargarh ... ... | 2,007,819 | 397,529 | 159.696 | 150,455 | 9.241 | ... | ... | 0·2 | ... | ... | ... | ... | ... | 0·4 | ... | 1·2 | 0 61 | ... | 0·61 | 1·8 |
| Dera Gházi Khan ... ... | 2,801,280 | 1,008,000 | 61.390 | 52,961 | 8,429 | ... | ... | 0·3 | ... | 0·2 | ... | ... | ... | 0·2 | ... | 1·3 | 0·46 | 0·2 | 0 46 | 2·2 |
| Shahpur ... ... | 3,031,700 | 585,491 | 9,443 | 9,766 | ... | 323 | ... | 1·9 | ... | 0·4 | ... | ... | 0·12 | 1·3 | 0·13 | 1 7 | 0·61 | 0·3 | 0·86 | 5·6 |
| Total Inundation Canals ... | 17,506,301 | 4,312,923 | 529,797 | 515,334 | 29,145 | 14,682 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... |

(*a*) This is the correct acreage, and differs from that shown in Statement for Rabi Crop of 1888-89
(*b*) Includes area dried up, 13,603 acres.
(*c*) Ditto ditto, 2,403 „

| | | Acres. |
|---|---|---|
| Total area irrigated in 1888-89 ... | ... | 515,334 |
| „ „ 1889-90 ... | ... | 529,797 |
| Net increase ... | | 14,463 |

LAHORE :
*The* 23*rd July* 1890.

F. J. HOME, LIEUT.-COLONEL, R. E.,
*Joint-Secy. to Government, Punjab,*
*P. W. D., Irrigation Branch.*

## STATEMENT No. II.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1889-90 ON INUNDATION CANALS.

*Statement in Acres of Crops irrigated in Canal Districts.*

| DESCRIPTION OF CROPS. | Lahore. | Montgomery. | Montgomery (Lower Sohág and Pára Canal). | Mooltan. | Mooltan (Sidhnai Canal). | Muzaffargarh. | Dera Gházi Khan. | Shahpur. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|
| Wheat ... ... ... | 7,893 | 22,868 | 22,519 | 115,261 | 39,235 | 115,704 | 46,009 | 8,917 | 378,406 |
| Barley ... ... ... ... | 212 | 567 | 214 | 2,510 | 1,259 | 5,475 | 1,312 | 102 | 11,651 |
| Mixed grain ... ... ... | 8,278 | 5,407 | 1,069 | ... | ... | 5,140 | 2,438 | ... | 22,332 |
| Others ... ... ... ... | 6,161 | 11,971 | 4,675 | 43,724 | 5,445 | 33,377 | 11,631 | 424 | 117,408 |
| TOTAL RABI, 1889-90 ... ... | 22,544 | 40,813 | 28,477 | 161,495 | 45,939 | 159,696 | 61,390 | 9,443 | 529,797 |
| TOTAL RABI, 1888-89 ... ... | 13,419 | 41,179 | 33,279 | 159,145 | 55,130 | 150,455 | 52,961 | 9,766 | 515,334 |

LAHORE
*The 23rd July 1890.*

F. J. HOME, LIEUT.-COLONEL, R. E.,
*Joint-Secy. to Government, Punjab, P. W. D.,*
*Irrigation Branch.*

## STATEMENT No. III.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1889-90 ON INUNDATION CANALS.

*Statement in Acres of Crops irrigated in Canal Divisions.*

| Description of Crops. | Upper Sutlej Canals. | Lower Sohág and Pára Canal. | Lower Sutlej and Chenab Canals. | Sidhnai Canal. | Muzaffargarh Canals. | Indus Canals. | Shahpur Canals. | Total. |
|---|---|---|---|---|---|---|---|---|
| Wheat ... ... ... ... ... | 30,761 | 22,519 | 115,261 | 39,235 | 115,704 | 46,009 | 8,917 | 378,406 |
| Barley ... ... ... ... ... | 779 | 214 | 2,510 | 1,259 | 5,475 | 1,312 | 102 | 11,651 |
| Mixed grain ... ... ... ... | 13,685 | 1,069 | ... | ... | 5,140 | 2,438 | ... | 22,332 |
| Others ... ... ... ... | 18,132 | 4,675 | 43,724 | 5,445 | 33,377 | 11,631 | 424 | 117,408 |
| Total Rabi, 1889-90 ... | 63,357 | 28,477 | 161,495 | 45,939 | 152,696 | 61,390 | 9,443 | 529,797 |
| Total Rabi, 1888-89 ... | 54,598 | 33,279 | 159,145 | 55,130 | 150,455 | 52,961 | 9,766 | 515,334 |

LAHORE :
*The 23rd July 1890.*

F. J. HOME, LIEUT.-COLONEL, R.E.,
*Joint-Secretary to Government, Punjab, P. W. D.,*
*Irrigation Branch.*

# IRRIGATION OPERATIONS, 1889-90.

*Comparative Statement of Irrigation and Rainfall for the years* 1888-89 *and* 1889-90 *in the districts of the Punjab irrigated by Inundation Canals.*

| Districts. | Population. | Area in acres. | Cultivated area in acres. | Area Irrigated. Kharif, 1889-90. Total in acres. | Kharif, In comparison with 1888-89. Increase. | Kharif, In comparison with 1888-89. Decrease. | Rabi, 1889-90. Total in acres. | Rabi, In comparison with 1888-89. Increase. | Rabi, In comparison with 1888-89. Decrease. | Whole year, 1889-90. Total in acres. | Whole year, In comparison with 1888-89. Increase. | Whole year, In comparison with 1888-89. Decrease. | Percentage of increase or decrease in 1889-90. | Rainfall. 1888-89. | Rainfall. 1889-90. | Rainfall. Percentage of increase or decrease in 1889-90. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lahore ... ... ... ... | 924,106 | 2,334,552 | 1,164,921 | 19,843 | 1,573 | ... | 22,544 | 9,125 | ... | 42,387 | 10,698 | ... | +33·76 | 14·8 | 15·9 | + 7·43 |
| Montgomery ... ... ... | 426,529 | 3,567,750 | 357,622 | 64,575 | ... | 2,311 | 40,813 | ... | 366 | 105,388 | ... | 2,677 | − 2·48 | 10·9 | 4·7 | −56·88 |
| Montgomery (Lower Soháq and Pára Canal). | Given | above | | 34,746 | 6,039 | ... | 28,477 | ... | 4,802 | 63,223 | 1,227 | ... | +2·00 | Given | above | |
| Mooltan ... ... ... ... | 551,964 | 3,763,200 | 799,360 | 212,999 | 22,636 | ... | 161,495 | 2,350 | ... | 374,494 | 24,986 | ... | + 7·15 | 3·7 | 6·6 | + 78·40 |
| Mooltan (Sidhnai Canal) ... ... | Given | above | | 63,143 | 9,388 | ... | 45,929 | ... | 9,191 | 109.082 | 197 | ... | +0·18 | 4·2 | 3·0 | −28·57 |
| Muzaffargarh ... ... ... | 338,605 | 2,007,819 | 397,529 | 146,962 | 7,590 | ... | 159,696 | 9,241 | ... | 306,658 | 16,831 | ... | +5·81 | 2·1 | 5·11 | +143·33 |
| Dera Gházi Khan ... ... ... | 363,346 | 2,801,280 | 1,008,000 | *153,154 | 4,334 | ... | 61,390 | 8,429 | ... | 214,544 | 12,763 | ... | +6·33 | 7·6 | 1·58 | −79·21 |
| Shahpur ... ... ... ... | 421,508 | 3,031,700 | 585,491 | 9,092 | ... | 1,299 | 9,443 | ... | 323 | 18,535 | ... | 1,622 | −8·05 | 13·9 | 8·36 | − 39·85 |
| Total Inundation Canals ... | 8,026,058 | 17,506,301 | 4,312,923 | 704,514 | 51,560 | 3,610 | 529,797 | 29,143 | 14,682 | 1,234,311 | 66,712 | 4,299 | +5·33 | ... | ... | ... |

| | | Acres. | |
|---|---|---|---|
| Area irrigated in 1888-89 | ... | 1,171,898 | (as per Revenue Report). |
| Ditto 1889-90 | ... | 1,234,311 | |
| Net increase | ... | 62,413 | |

The decrease in the rabi area on the Lower Sohág and Pára Canal is due to larger proportion of remissions granted on gross irrigated area. The decrease in the rabi area on the Sidhnai Canal is due to the irrigators having sown more kharif and less rabi crops. The increase on Mooltan, Muzaffargarh and Dera Gházi Khan Canals is due to the favourable condition of the rivers.

LAHORE:
*The 24th July 1890.*

F. J. HOME, Lieut.-Colonel, R.E.,
*Joint-Secy. to Govt. Punjab, P. W. D.,*
*Irrigation Branch.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rajpura-Bhatinda Railway, during the month of June* 1890 *as compared with the same month of the previous year, prescribed in P. W. D. Circular No. XVII R. of* 9th *July* 1883.

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 314 | 149 | ... | 165 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and coke ... | 710 | 2,876 | 2,166 | ... | |
| 3 | Cotton, raw ... | 890 | 975 | 85 | ... | |
| 4 | Cotton, manufactured ... | 2,489 | 2,138 | ... | 351 | |
| 5 | Drugs and medicines ... | 1,142 | 848 | ... | 294 | |
| 6 | Dyeing materials ... | 745 | 592 | ... | 153 | |
| 7 | Fibrous products ... | 2,701 | 2,087 | ... | 614 | |
| 8 | Fruits and nuts ... | 349 | 252 | ... | 97 | |
| 9 | Grain and pulses— | | | | | |
| | (*a*) Wheat ... | 66,454 | 44,215 | ... | 22,239 | |
| | (*b*) Gram ... | 5,099 | 9,756 | 4,657 | ... | |
| | (*c*) Other grain ... | 10,864 | 9,956 | ... | 908 | |
| 10 | Hides and horns ... | 751 | 589 | ... | 162 | |
| 11 | Leather and manufactures of leather. | 226 | 212 | ... | 14 | |
| 12 | Liquors ... | 1,031 | 951 | ... | 80 | |
| 13 | Metals and manufactures of metals. | 3,302 | 2,985 | ... | 317 | |
| 14 | Military stores ... | 931 | 1,189 | 258 | ... | |
| 15 | Oils ... | 639 | 601 | ... | 98 | |
| 16 | Provisions.—Ghee, &c. ... | 1,513 | 4,702 | 3,189 | ... | |
| 17 | Railway materials ... | 38,698 | 7,650 | ... | 31,048 | |
| 18 | Salt ... | 8,809 | 7,744 | ... | 1,065 | |
| 19 | Saltpetre ... | 141 | 133 | ... | 8 | |
| 20 | Seeds ... | 11,354 | 7,051 | ... | 4,303 | |
| 21 | Silk ... | 28 | 18 | ... | 10 | |
| 22 | Spices ... | 603 | 392 | ... | 211 | |
| 23 | Stone, kunkur, lime and bricks... | 14,696 | 16,893 | 2,197 | ... | |
| 24 | Sugar ... | 9,160 | 6,488 | ... | 2,672 | |
| 25 | Tea ... | 202 | 123 | ... | 79 | |
| 26 | Tobacco ... | 681 | 564 | ... | 117 | |
| 27 | Wood— | | | | | |
| | (*a*) Timber ... | 2,630 | 2,500 | ... | 130 | |
| | (*b*) Fire-wood ... | 4,233 | 3,666 | ... | 567 | |
| 28 | Wool ... | 1,417 | 733 | ... | 684 | |
| 29 | All other articles of merchandize | 1,302 | — 895 | ... | 2,197 | |
| | | No. | No. | No. | No. | |
| | Total ... { Animals ... | 314 | 149 | ... | 165 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... { Goods ... | 193,850 | 137,984 | ... | 55,866 | |

LAHORE: }
*The 7th August* 1890. }

C. A. R. BROWNE, CAPTAIN, R. E.,

for *Examiner of Accounts.*

Punjab Government Press, Lahore—21-8-90—690.

No. 35 of 1890

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 28, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 26th AUGUST 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·50 in Fatehabad. 0·81 in Barwála. 0·10 in Sirsa. | Fodder sufficient. | Stationary. | Harvest good. Rain wanted. | ... |
| 2 | Delhi ... | 0·04 in Sonepat. | ... | Fluctuating. | Prospects good. | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Crops improving. | ... |
| 4 | Jullundur ... | ... | Fodder insufficient. | Do. | Weeding in progress. | Ploughings in progress. |
| 5 | Ferozepore ... | 0·09 at Sadr. | Fodder ample. | Do. | ... | Ditto. |
| 6 | Amritsar ... | 0·49 average. | Fodder sufficient. | ... | Crops in good condition. No complaints against canal working. | Ditto. |
| 7 | Siálkot ... | ... | Fodder abundant. | Stationary. | Prospects excellent. Rain more than sufficient. | ... |
| 8 | Lahore ... | 1·82 at Lahore. | Fodder sufficient. | Do. | Prospects of standing crops good. | Ploughings in progress. |
| 9 | Mooltan ... | 0·08 in Mailsi. 0·30 in Lodhrán. 0·16 in Shujabad. 0·08 in Kabírwála. | Do. | Do. | Sowings finished, except til, china and jowár in Kabírwála Tahsíl. Canals fallen. | ... |
| 10 | Ráwalpindi ... | 3·62 at Ráwalpindi. 2·10 in Attock. 1·79 in Kahúta. 1·30 in Murree. 3·02 in Gujar Khan. | Do. | Falling. | Prospects average. | ... |
| 11 | Shahpur ... | General rainfall. | Do. | Stationary. | Crops in good condition. | ... |
| 12 | D. I. Khan ... | 0·21 | Good. | Do. | Condition of crops good. | ... |
| 13 | Peshâwar ... | 0·20 | Sufficient. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Rain has fallen in all districts except Umballa, Jullundur and Siálkot. Prices unsettled in Delhi, falling in Ráwalpindi, stationary elsewhere. Weeding of kharíf crops in progress. Ploughing for rabi going on. More rain wanted at Hissar. Kharíf crops are improving and the prospects are reported good. Fodder insufficient in Jullundur, ample at Ferozepore, abundant at Siálkot, and sufficient elsewhere.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 18 | 17 | 18 | 24 | 22 | 26 | ... | ... | ... | 10 | 9 | 10 | 23 | 21 | 22 | 22 | 21 | 20 |
| Rohtak ... | 17 | 17 | 17 | 20 | 21 | 23 | ... | ... | ... | 10 | 10 | 10 | 18 | 17 | 24 | 17 | 17 | 20 |
| Gurgaon ... | 17 | 17 | 16 | 21 | 21 | 24 | ... | ... | ... | 10 | 10 | 10 | 20 | 19 | 24 | 20 | 19 | 21 |
| Delhi ... | 17 | 16 | 17 | 22 | 21 | 24 | ... | ... | ... | 13 | 13 | 10 | 20 | 17 | 23 | 18 | 17 | 19 |
| Karnál ... | 18 | 17 | 17 | 24 | 24 | 26 | ... | ... | ... | 11 | 11 | 10 | 22 | 22 | 20 | 16 | 16 | 16 |
| Umballa ... | 19 | 20 | 20 | 24 | 23 | 24 | ... | ... | ... | 12 | 11 | 10 | 26 | 26 | 20 | 18 | 18 | 16 |
| Simla ... | 12 | 12 | 13 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 13 | 13 | 15 | 14 | 14 | 11 |
| Kángra ... | 16 | 16 | 19 | 23 | 23 | 28 | ... | ... | ... | 12 | 12 | 12 | 13 | 12 | 14 | 10 | 10 | 10 |
| Hoshiárpur ... | 20 | 20 | 20 | 28 | 28 | 32 | ... | ... | ... | 10 | 10 | 10 | 27 | 23 | 26 | 20 | 20 | 20 |
| Jullundur ... | 21 | 20 | 21 | 30 | 30 | 32 | ... | ... | ... | 8 | 8 | 8 | 22 | 22 | 24 | 22 | 22 | 20 |
| Ludhiána ... | 20 | 20 | 21 | 26 | 26 | 36 | ... | ... | ... | 12 | 12 | 10 | 26 | 26 | 30 | 22 | 22 | 19 |
| Ferozepore ... | 20 | 19 | 19 | 30 | 28 | 32 | ... | ... | ... | 10 | 10 | 9 | 24 | 22 | 24 | 22 | 20 | 20 |
| Mooltan ... | 16 | 16 | 16 | 27 | 27 | 23 | ... | ... | ... | 12 | 12 | 10 | 24 | 21 | 24 | 21 | 20 | 19 |
| Jhang ... | 17 | 17 | 20 | 26 | 26 | 30 | ... | ... | ... | 9 | 9 | 10 | 16 | 16 | 18 | 16 | 16 | 16 |
| Montgomery ... | 18 | 17 | 18 | 25 | 24 | 25 | ... | ... | ... | 10 | 12 | 9 | 16 | 16 | 24 | 16 | 16 | 15 |
| Lahore ... | 19 | 18 | 18 | 27 | 25 | 32 | ... | ... | ... | 11 | 11 | 9 | 24 | 24 | 28 | 19 | 18 | 16 |
| Amritsar ... | 20 | 20 | 21 | 26 | 26 | 30 | ... | ... | ... | 11 | 11 | 10 | 22 | 22 | 28 | 16 | 16 | 16 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 24 | 24 | 18 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 21 | 29 | 28 | 32 | ... | ... | ... | 13 | 13 | 10 | 28 | 27 | 28 | 20 | 20 | 22 |
| Gujrát ... | 20 | 20 | 21 | 30 | 30 | 33 | ... | ... | ... | 11 | 11 | 10 | 26 | 26 | 24 | 23 | 24 | 22 |
| Gujránwála ... | 20 | 19 | 20 | 27 | 27 | 35 | ... | ... | ... | 14 | 13 | 11 | 26 | 24 | 23 | 21 | 16 | 16 |
| Shahpur ... | 20 | 20 | 22 | 26 | 27 | 32 | ... | ... | ... | 10 | 10 | 9 | 25 | 25 | 21 | 24 | 24 | 21 |
| Jhelum ... | 21 | 22 | 21 | 30 | 29 | 32 | ... | ... | ... | 13 | 14 | 8 | 32 | 23 | 24 | 27 | 25 | 22 |
| Ráwalpindi ... | 20 | 19 | 21 | 33 | 33 | 36 | ... | ... | ... | 9 | 9 | 11 | 45 | 40 | 37 | 28 | 28 | 18 |
| Hazára ... | 22 | 20 | 20 | 38 | 33 | 35 | ... | ... | ... | 10 | 10 | 11 | § | § | § | § | § | 14 |
| Peshávar ... | 19 | 19 | 21 | 35 | 37 | 45 | ... | ... | ... | 10 | 10 | 10 | 31 | 30 | 33 | 24 | 24 | 15 |
| Kohát ... | 23 | 22 | 22 | 33 | 35 | 46 | ... | ... | ... | 15 | 15 | 10 | 23 | 23 | ‡ | 31 | 32 | 15 |
| Bannu ... | 28 | 28 | 29 | 51 | 51 | 39 | ... | ... | ... | 13 | 13 | 9 | 55 | 50 | 30 | 38 | 38 | 9 |
| D. I. Khan ... | 21 | 21 | 20 | 26 | 37 | 33 | ... | ... | ... | 8 | 8 | 7 | 28 | 28 | 22 | 29 | 29 | 19 |
| D. G. Khan ... | 17 | 17 | 16 | 23 | 23 | 24 | ... | ... | ... | 8 | 8 | 8 | 21 | 25 | 20 | 24 | 24 | 18 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 24 | ... | ... | ... | 15 | 15 | 13 | 16 | 16 | 17 | 14 | 14 | 17 |

‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th AUGUST 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 26 | 23 | 25 |
| † | † | † | 16 | 16 | 16 | 23 | 21 | 24 |
| † | † | † | † | † | † | 21 | 21 | 23 |
| † | † | † | 13 | 12 | 12 | 20 | 20 | 23 |
| 22 | 20 | 22 | 16 | 16 | 18 | 22 | 21 | 27 |
| 20 | 24 | 20 | 10 | 10 | 10 | 24 | 23 | 27 |
| 17 | 17 | 22 | 10 | 10 | 8 | 14 | 15 | 18 |
| 21 | 20 | 26 | 6 | 7 | 8 | 16 | 16 | 20 |
| 12 | 12 | 13 | 19 | 20 | 24 | 22 | 21 | 29 |
| ‡ | ‡ | ‡ | 20 | 20 | 18 | 24 | 23 | 28 |
| † | † | † | 20 | 20 | 21 | 25 | 24 | 31 |
| † | † | † | 20 | 21 | 16 | 27 | 26 | 28 |
| † | † | † | 23 | 22 | 26 | 20 | 20 | 22 |
| 25 | 20 | 20 | 22 | 20 | 20 | 18 | 18 | 18 |
| § | § | § | 20 | 20 | 24 | 23 | 23 | 25 |
| § | § | § | 26 | 26 | 22 | 24 | 23 | 28 |
| † | † | † | 19 | 19 | 20 | 24 | 25 | 28 |
| † | † | † | 12 | 12 | 12 | 22 | 22 | 24 |
| § | § | § | 25 | 25 | 16 | 23 | 22 | 28 |
| † | † | † | 12 | 12 | 12 | 23 | 23 | 26 |
| † | † | § | 20 | 20 | 20 | 24 | 24 | 29 |
| 22 | 20 | 20 | 24 | 20 | 20 | 26 | 25 | 30 |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 23 | 22 | 27 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 22 | 22 | 24 |
| † | † | † | § | § | 12 | 18 | 20 | 20 |
| † | † | † | 23 | 23 | 18 | 19 | 19 | 23 |
| † | † | † | † | † | ‡ | 23 | 22 | 22 |
| 8 | 8 | 7 | 8 | 8 | 7 | 32 | 32 | 32 |
| § | § | § | 6 | 6 | 6 | 28 | 27 | 26 |
| § | § | § | § | § | § | 21 | 20 | 20 |
| § | § | § | § | § | § | 20 | 20 | 19 |

† Not produced.
‡ Not sold.
§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 19 seers as compared with 19 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 16 | 17 | 17 |
| Kángra | ... | 19 | 16 | 16 |
| Jhang | ... | 20 | 17 | 17 |
| Siálkot | ... | 21 | 18 | 18 |
| Hazára | ... | 20 | 20 | 22 |
| Bannu | ... | 29 | 28 | 28 |

*Barley.*—Prices average 28 seers as compared with 28 seers in last fortnight and 31 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 24 | 21 | 21 |
| Ludhiána | ... | 36 | 26 | 26 |
| Lahore | ... | 32 | 25 | 27 |
| Gujránwála | ... | 35 | 27 | 27 |
| Kohát | ... | 46 | 35 | 33 |
| Bannu | ... | 39 | 51 | 51 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 10 | 13 | 13 |
| Ludhiána | ... | 10 | 12 | 12 |
| Lahore | ... | 9 | 11 | 11 |
| Jhelum | ... | 8 | 14 | 13 |
| Kohát | ... | 10 | 15 | 15 |
| Bannu | ... | 9 | 13 | 13 |

*Jowár.*—Prices average 25 seers as compared with 24 seers in last fortnight and 24 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 20 | 26 | 26 |
| Ludhiána | ... | 30 | 26 | 26 |
| Montgomery | ... | 24 | 16 | 16 |
| Ráwalpindi | ... | 37 | 40 | 45 |
| Peshawar | ... | 33 | 30 | 31 |
| Bannu | ... | 30 | 50 | 55 |

*Bájra.*—Prices average 21 seers as compared with 21 seers in last fortnight and 18 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Rohtak | ... | 20 | 17 | 17 |
| Ludhiána | ... | 19 | 22 | 22 |
| Lahore | ... | 16 | 18 | 19 |
| Gujránwála | ... | 16 | 16 | 21 |
| Kohát | ... | 15 | 32 | 31 |
| Bannu | ... | 9 | 38 | 38 |

*Gram.*—Prices average 23 seers as compared with 22 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 27 | 21 | 22 |
| Hoshiárpur | ... | 29 | 21 | 22 |
| Lahore | ... | 28 | 23 | 24 |
| Gujránwála | ... | 29 | 24 | 24 |
| Peshawar | ... | 23 | 19 | 19 |
| D. I. Khan | ... | 26 | 27 | 28 |

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICT. | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 15th August 1890. | | Past fortnight ending 31st July 1890. | | Corresponding fortnight of 1889. | |
| | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 20 | 19 | 17 | † | † | † | 120 | 120 | 105 | 11 4 | 11 0 | 11 4 | 11 0 | 10 4 | 10 0 |
| Rohtak ... | 16 | 16 | 16 | 20 | 20 | 20 | 120 | 120 | 120 | 10 0 | 10 0 | 11 0 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 20 | 19 | 22 | 22 | 23 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 16 | 22 | 21 | 21 | 24 | 80 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 24 | 25 | 19 | 19 | 20 | 160 | 160 | 160 | 10 0 | 9 8 | 10 0 | 9 8 | 10 8 | 10 0 |
| Umballa ... | 24 | 22 | 32 | 20 | 20 | 20 | 130 | 140 | 120 | 13 0 | 13 0 | 13 0 | 12 0 | 13 0 | 13 0 |
| Simla ... | 13 | 14 | 19 | 9 | 9 | 9 | 65 | 65 | 60 | 9 0 | 8 8 | 9 0 | 8 8 | 9 12 | 8 0 |
| Kángra ... | 18 | 18 | 24 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ‡ | 10 0 |
| Hoshiárpur ... | 25 | 24 | 30 | 14 | 14 | 16 | 104 | 95 | 100 | 13 4 | 13 0 | 13 4 | 13 2 | 13 0 | 12 12 |
| Jullundur ... | 28 | 28 | 24 | ‡ | ‡ | ‡ | 100 | 110 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 27 | 25 | 30 | 14 | 13 | 14 | 110 | 110 | 110 | 13 0 | 12 0 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ferozepore ... | 22 | 21 | 20 | 13 | 12 | 11 | 100 | 100 | 100 | 13 8 | 13 4 | 13 8 | 13 4 | 13 8 | 13 4 |
| Mooltan ... | 21 | 21 | 24 | † | † | † | 90 | 90 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Jhang ... | 16 | 14 | 16 | 10 | 9 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 16 | 16 | 20 | 8 | 8 | 12 | 253 | 250 | 200 | 12 8 | 12 0 | 12 8 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 23 | 23 | 26 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 24 | 19 | 26 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gurdáspur ... | 22 | 22 | 22 | 10 | 10 | 10 | 120 | 120 | 110 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 24 | 25 | 22 | 12 | 12 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 24 | 26 | 22 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 27 | 27 | 22 | † | † | § | 105 | 105 | 105 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 25 | 20 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 13 8 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 32 | 27 | 20 | 14 | ‡ | ‡ | 140 | 140 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 31 | 29 | 25 | 28 | 30 | 20 | 85 | 90 | 84 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 33 | 36 | 21 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 10 8 |
| Pesháwar ... | 31 | 33 | 30 | 29 | 28 | 22 | 105 | 105 | 109 | 43 0 | 41 0 | 42 0 | 40 0 | 39 0 | 38 0 |
| Kohát ... | 33 | 34 | 24 | 20 | 20 | † | 180 | 200 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 65 0 | 60 0 |
| Bannu ... | 50 | 51 | 35 | 15 | 15 | 13 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | ‡ | ‡ | 16 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 44 0 | 42 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 25 0 | 24 0 | 25 0 | 24 0 | 27 0 | 26 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th AUGUST 1890—*concluded.*

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 7 0 | 7 0 | 12 8 | 6 8 | 6 0 | 6 0 |
| 9 0 | 9 8 | 14 0 | 7 0 | 7 0 | 8 0 |
| 9 0 | 9 0 | 12 0 | 9 0 | 8 0 | 8 0 |
| 7 0 | 7 0 | 8 0 | 7 0 | 7 0 | 6 0 |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 9 8 | 9 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 5 0 | 5 0 | 6 8 | † | † | 2 0 |
| | | | | | |
| 6 0 | 6 0 | 9 0 | 7 0 | 7 0 | 8 0 |
| 7 0 | 7 0 | 12 8 | 7 12 | 7 4 | 8 0 |
| 7 0 | 8 0 | 12 0 | 7 0 | 7 0 | 7 0 |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 12 | 12 0 | 8 8 | 8 0 | 7 0 |
| | | | | | |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 6 8 |
| 8 4 | 8 8 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 4 | 8 4 | 12 0 | 9 0 | 9 0 | 9 0 |
| 7 0 | 7 0 | 11 8 | 6 0 | 8 1 | 7 2 |
| 8 0 | 8 12 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 8 | 15 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 10 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 12 8 | 8 0 | 8 0 | 7 0 |
| 9 8 | 9 8 | 13 8 | 8 0 | 8 0 | 7 8 |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 7 0 |
| 9 0 | 10 0 | 12 8 | 10 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 9 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 7 8 | 7 0 | 7 8 | § | § | § |
| 7 12 | 7 6 | 9 4 | 8 6 | 8 8 | 7 0 |
| 8 0 | 9 8 | 9 0 | 8 12 | 8 12 | 10 0 |
| | | | | | |
| 9 6 | 9 11 | 14 1 | 8 12 | 8 12 | 8 12 |
| 8 10 | 8 3 | 11 0 | ‡ | ‡ | 8 12 |
| 6 4 | 6 9 | 8 2 | 7 8 | 7 8 | 8 0 |
| 8 0 | 8 0 | 10 8 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 25 seers as compared with 24 seers in last fortnight and 23 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 22 | 16 | 15 |
| Kángra | ... | 24 | 18 | 18 |
| Montgomery | ... | 20 | 16 | 16 |
| Jhelum | ... | 20 | 27 | 32 |
| Hazára | ... | 21 | 36 | 33 |
| Bannu | ... | 35 | 51 | 50 |

† Not produced.
‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 18 | 17 | 18 | 23 | 22 | 25 | ... | ... | ... | 14 | 14 | 11 | 21 | 18 | 24 | 19 | 18 | 20 | † | † | † |
| Ferozepore .. | 20 | 20 | 19 | 30 | 28 | 32 | ... | ... | ... | 10 | 10 | 9 | 24 | 22 | 24 | 22 | 20 | 20 | † | † | † |
| Mooltan ... | 16 | 17 | 16 | 28 | 28 | 24 | ... | ... | ... | 13 | 13 | 11 | 25 | 22 | 25 | 22 | 21 | 20 | † | † | † |
| Lahore ... | 20 | 19 | 19 | 28 | 26 | 32 | ... | ... | ... | 11 | 11 | 10 | 25 | 25 | 30 | 20 | 19 | 18 | § | § | § |
| Amritsar ... | 20 | 20 | 21 | 27 | 27 | 31 | ... | ... | ... | 12 | 12 | 10 | 23 | 23 | 29 | 17 | 17 | 17 | † | † | † |
| Peshâwar ... | 20 | 20 | 22 | 36 | 38 | 47 | ... | ... | ... | 11 | 11 | 11 | 32 | 31 | 34 | 25 | 25 | 16 | † | † | † |

† Not produced.
§ Not procurable.

**AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th AUGUST 1890.**

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th August 1890. | Past fortnight ending 31st July 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 13 | 13 | 21 | 21 | 24 | 16 | 17 | 23 | 22 | 22 | 25 | 8 0 | 8 0 | 9 0 | 8 0 | 8 0 | 7 0 | |
| 20 | 21 | 16 | 27 | 26 | 28 | 22 | 21 | 20 | 13 | 12 | 11 | 8 0 | 8 12 | 12 0 | 8 8 | 8 0 | 7 0 | |
| 24 | 23 | 27 | 21 | 21 | 22 | 22 | 22 | 25 | † | † | † | 8 8 | 8 8 | 11 0 | 8 8 | 8 8 | 7 0 | |
| 27 | 27 | 23 | 25 | 24 | 29 | 24 | 24 | 26 | 13 | 13 | 13 | 7 8 | 7 8 | 12 0 | 6 4 | 8 3 | 7 6 | |
| 20 | 20 | 21 | 25 | 25 | 29 | 25 | 20 | 27 | † | † | † | 8 12 | 9 0 | 14 0 | 8 0 | 8 0 | 8 0 | |
| 24 | 24 | 19 | 20 | 20 | 24 | 32 | 34 | 31 | 30 | 29 | 23 | 7 15 | 7 9 | 9 7 | 8 10 | 8 11 | 7 3 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.
*D* = Dust-storms.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 3rd August* 1890. | | | | | | | | |
| | | | Monday 28th. | Tuesday 29th. | Wednesday 30th. | Thursday 31st. | Friday 1st. | Saturday 2nd. | Sunday 3rd. | | |
| Gujranwala. | Háfizabad ... | 26th July ... | ... | ... | ... | ... | ... | 1·32 | 0·23 | 1·55 | |
| | | | *Week ending 10th August* 1890. | | | | | | | | |
| | | | Monday 4th. | Tuesday 5th. | Wednesday 6th. | Thursday 7th. | Friday 8th. | Saturday 9th. | Sunday 10th. | | |
| Hissar. | Fatahabad ... | 3rd August .. | ... | ... | ... | ... | ... | ... | 0·22 | 0·22 | |
| Simla. | Kilba *s* | 3rd August ... | 0·30 | 0·35 | 0·70 | 0·76 | 0·07 | 0·21 | 0·03 | 2·42 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 17th AUGUST 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of August 1890. Monday 11th. | Tuesday 12th. | Wednesday 13th. | Thursday 14th. | Friday 15th. | Saturday 16th. | Sunday 17th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 10th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála ... | 8th August ... | ... | 0·19 | 0·50 | ... | ... | ... | ... | 0·69 | |
| | Hissar s | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi ... | 9th Do. ... | ... | 0·30 | 0·15 | 0·35 | ... | ... | ... | 0·80 | |
| | Bhiwáni ... | 10th Do. ... | ... | ... | ... | 0·25 | ... | ... | ... | 0·25 | |
| | Budhláda ... | 6th Do. ... | 2·10 | ... | ... | ... | ... | ... | ... | 2·10 | |
| | Dhaneta C ... | 9th Do. ... | ... | ... | ... | ... | 1·54 | ... | ... | 1·54 | |
| Rohtak. | Rohtak s | 9th August ... | ... | ... | 0·40 | ... | ... | ... | ... | 0·40 | |
| | Gohána ... | Ditto ... | ... | ... | 1·85 | 0·20 | ... | ... | ... | 2·05 | |
| | Sámpla ... | Ditto ... | ... | ... | ... | 0·48 | ... | ... | ... | 0·48 | |
| | Jhajjar ... | Ditto ... | ... | ... | ... | 1·63 | ... | ... | ... | 1·63 | |
| Gurgaon. | Farukhnagar ... | 6th August ... | ... | ... | 2·30 | ... | ... | ... | ... | 2·30 | |
| | Játusána ... | 8th Do. ... | ... | ... | 0·34 | ... | ... | ... | ... | 0·34 | |
| | Rewári ... | 7th Do. ... | 0·60 | ... | 1·05 | ... | ... | ... | ... | 1·65 | |
| | Shahjahánpur ... | 6th Do. ... | 0·20 | ... | 0·12 | ... | ... | ... | ... | 0·32 | |
| | Tauru ... | 7th Do. ... | ... | ... | 1·10 | ... | ... | ... | ... | 1·10 | |
| | Nuh ... | 9th Do. ... | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Fírozpur ... | 10th Do. ... | 0·37 | ... | 0·15 | ... | ... | ... | 0·35 | 0·87 | |
| | Hodal ... | 7th Do. ... | ... | ... | 0·34 | ... | ... | ... | ... | 0·34 | |
| | Hattín ... | 9th Do. ... | ... | ... | 0·48 | ... | 1·40 | ... | ... | 1·88 | |
| | Palwal ... | Ditto ... | ... | ... | 1·82 | ... | ... | ... | ... | 1·82 | |
| | Sohna ... | 8th August ... | ... | ... | 0·35 | ... | ... | ... | ... | 0·35 | |
| | Gurgaon s | 9th Do. ... | 0·16 | ... | 1·65 | ... | ... | ... | ... | 1·81 | |
| | Punahána ... | Ditto ... | ... | ... | 1·40 | ... | 0·60 | ... | ... | 2·00 | |
| Delhi. | Ballabgarh ... | 7th August ... | 0·34 | ... | 0·88 | 0·08 | ... | ... | ... | 1·30 | |
| | Mahrauli ... | 9th Do. ... | ... | ... | 3·00 | ... | ... | 0·04 | ... | 3·04 | |
| | Sadr (Delhi) s | 7th Do. ... | ... | 0·20 | 0·03 | 0·14 | 0·07 | ... | ... | 0·44 | |
| | Sonepat ... | 8th Do. ... | ... | ... | 0·83 | ... | 0·04 | ... | ... | 0·87 | |
| Karnal. | Pánipat ... | 8th August ... | ... | ... | 1·30 | ... | 0·14 | ... | ... | 1·44 | |
| | Karnál s | 7th Do. ... | ... | ... | 0·98 | 0·53 | 0·03 | ... | ... | 1·54 | |
| | Rajaund ... | 6th Do. ... | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Kaithal ... | 5th Do. ... | 0·50 | 0·09 | ... | ... | ... | ... | ... | 0·59 | |
| | Gulah ... | 9th Do. ... | ... | ... | 1·58 | 0·18 | ... | ... | ... | 1·76 | |
| Umballa. | Pipli ... | 9th August ... | ... | ... | 0·59 | 0·58 | 0·51 | ... | ... | 1·68 | |
| | Jagádhri ... | Ditto ... | ... | 0·96 | 1·20 | 4·00 | 1·48 | ... | 0·10 | 7·74 | |
| | Umballa s | 8th August ... | ... | ... | 1·08 | 2·01 | 0·80 | 0·46 | ... | 4·35 | |
| | Naráingarh ... | Ditto ... | ... | 3·23 | 1·11 | 5·26 | 0·49 | ... | 0·39 | 10·48 | |
| | Kharar ... | 6th August ... | ... | 0·21 | 3·00 | 0·55 | ... | 0·30 | ... | 4·06 | |
| | Rúpar ... | 9th Do. ... | ... | ... | ... | 2·36 | 0·66 | 0·05 | 0·71 | 3·78 | |
| | Kotra C ... | 25th July ... | ... | ... | ... | ... | 0·67 | ... | ... | 0·67 | |
| | Jhodhpur C ... | 7th August ... | ... | ... | R. | ... | ... | 0·26 | ... | 0·26 | |
| | Raniki C ... | 6th Do. ... | ... | 0·52 | 0·32 | ... | ... | ... | ... | 0·84 | |
| | Dádupur C ... | 8th Do. ... | ... | ... | 0·20 | 1·00 | ... | ... | ... | 1·20 | |
| Simla. | Kasauli s | 8th August ... | 1·07 | 0·17 | 4·72 | 2·74 | 0·17 | 0·15 | 4·40 | 13·42 | |
| | Barauli ... | Ditto ... | ... | ... | 3·50 | 1·32 | ... | 0·20 | 1·50 | 6·52 | |
| | Simla s | 10th August ... | ... | 0·04 | ... | 4·55 | 1·11 | ... | 1·33 | 7·03 | |
| | Kot Khái ... | Ditto ... | ... | ... | ... | 0·80 | ... | ... | 1·50 | 2·30 | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | 1·30 | ... | ... | 1·50 | 2·80 | |
| | Kilba s | Ditto ... | ... | ... | 0·24 | 0·41 | ... | ... | 0·06 | 0·71 | |
| Kangra. | Plách ... | 9th August ... | 0·01 | ... | 0·52 | 0·12 | 0·06 | 0·06 | 1·10 | 1·87 | |
| | Kulu s | 10th Do. ... | ... | ... | ... | 1·47 | 0·29 | ... | ... | 1·76 | |
| | Nagar ... | Ditto ... | 0·19 | ... | ... | 1·27 | 0·30 | ... | ... | 1·76 | |
| | Pálampur ... | Ditto ... | ... | R. | 0·21 | 5·06 | 0·15 | 1·56 | 1·30 | 8·28 | |
| | Hamírpur ... | 8th August ... | ... | R. | 1·10 | 3·50 | 0·40 | R. | 1·20 | 6·20 | |
| | Dera ... | Ditto ... | ... | ... | 0·53 | 3·34 | 1·14 | ... | 1·47 | 6·48 | |
| | Kángra ... | 7th August ... | ... | ... | 0·32 | 9·68 | 0·51 | 0·60 | 1·55 | 12·66 | |
| | Dharmsála s | 10th Do. ... | ... | 0·08 | 0·70 | 2·35 | 1·35 | 5·30 | 0·35 | 10·13 | |
| | Nurpur ... | Ditto ... | ... | ... | 2·35 | 1·49 | 1·00 | 0·10 | 1·91 | 6·85 | |
| Hoshiarpur. | Dasúya ... | 9th August ... | ... | ... | 0·71 | 2·24 | ... | 0·15 | ... | 3·10 | |
| | Una ... | 7th Do. ... | ... | 0·13 | 2·65 | 0·24 | ... | 1·55 | 0·08 | 4·65 | |
| | Garhshankar ... | 6th Do. ... | ... | ... | 2·16 | ... | ... | ... | ... | 2·16 | |
| | Sadr Station ... | 8th Do. ... | 0·11 | 0·19 | 1·28 | 0·47 | ... | 0·16 | 0·14 | 2·35 | |
| | Hoshiárpur ... | 9th Do. ... | ... | 0·30 | 1·10 | 0·67 | ... | 0·21 | 0·18 | 2·46 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Month of August* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 11th. | Tuesday 12th. | Wednesday 13th | Thursday 14th. | Friday 15th. | Saturday 16th. | Sunday 17th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 8th August | ... | ... | 0·18 | 0·05 | ... | ... | ... | 0·23 | |
| | Nakodar | Ditto | ... | ... | ... | 1·33 | 0·71 | ... | ... | 2·04 | |
| | Phillour | 10th August | ... | ... | 0·07 | 1·16 | 1·23 | ... | ... | 2·46 | |
| | Nawashahr | 9th Do. | ... | ... | 0·20 | 0·13 | 0·15 | ... | 0·10 | 0·58 | |
| Ludhiana. | Samrála | 7th August | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Ludhiána *s* | 9th Do. | ... | ... | ... | 1·20 | ... | ... | ... | 1·20 | |
| | Jagraon | 8th Do. | ... | ... | 0·40 | 0·16 | ... | ... | ... | 0·56 | |
| Ferozepore. | Moga | 8th August | ... | 0·29 | ... | ... | ... | ... | ... | 0·29 | Ploughing in progress. Health good. Locusts appeared in Tahsíls Moga and Ferozepore; measures are being taken to destroy the young as soon as they are hatched. |
| | Zíra | Ditto | ... | ... | ... | ... | 1·29 | ... | ... | 1·29 | |
| | Ferozepore | 10th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 7th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 9th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | 7th Do. | ... | ... | 0·03 | ... | ... | ... | ... | 0·03 | |
| | Shujabad | Ditto | 0·29 | 0·12 | ... | ... | ... | ... | ... | 0·41 | |
| | Mooltan | 8th Do. | 0·09 | ... | ... | ... | ... | ... | ... | 0·09 | |
| | Kabírwála | 7th Do. | ... | 0·05 | 0·20 | ... | ... | ... | ... | 0·25 | |
| Jhang. | Shorkot | 6th August | 0·23 | ... | ... | ... | ... | ... | ... | 0·23 | |
| | Jhang *s* | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 6th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | 10th Do. | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Pákpattan | 9th Do. | ... | 1·02 | ... | ... | ... | ... | ... | 1·02 | |
| | Dipálpur | 8th Do. | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| Lahore. | Van *C* *b* | 7th August | ... | ... | ... | 1·40 | ... | ... | ... | 1·40 | |
| | Chunián | 10th Do. | ... | ... | ... | 0·51 | ... | ... | ... | 0·51 | |
| | Kasúr | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* | Ditto | ... | ... | ... | 0·50 | ... | 3·60 | ... | 4·10 | |
| | Sharakpur | 8th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore *s* | 9th Do. | ... | ... | 0·28 | ... | ... | ... | ... | 0·28 | |
| | Meean Meer *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* *b* | Ditto | ... | ... | ... | ... | ... | 0·44 | ... | 0·44 | |
| Amritsar. | Buchar *C* *b* | 9th August | ... | ... | 0·36 | ... | 0·35 | 0·12 | ... | 0·83 | |
| | Khara *C* | 8th Do. | ... | ... | ... | 2·48 | 0·02 | ... | ... | 2·50 | |
| | Tarn Táran | Ditto | ... | ... | 0·06 | 0·37 | 2·42 | ... | ... | 2·85 | |
| | Raya *C* | 9th August | ... | ... | ... | 1·78 | ... | 2·55 | ... | 4·33 | |
| | Jandiála *C* | 8th Do. | ... | ... | 0·19 | ... | ... | 0·28 | ... | 0·47 | |
| | Jail Hospital *s* | Ditto | ... | ... | ... | ... | 0·18 | ... | ... | 0·18 | |
| | Amritsar Sadr | Ditto | ... | ... | ... | 0·10 | 0·35 | ... | ... | 0·45 | |
| | Amritsar *C* | 9th August | ... | ... | ... | 0·22 | 0·07 | 0·63 | ... | 0·92 | |
| | Buggeh *C* | 10th Do. | ... | ... | ... | 0·10 | ... | 0·20 | ... | 0·30 | |
| | Ajnála | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Gurdaspur. | Aliwál *C* | 9th August | ... | ... | ... | 1·00 | 0·60 | 0·10 | 0·15 | 1·85 | |
| | Batála | 8th Do. | ... | ... | 0·41 | 0·68 | 0·17 | 0·76 | ... | 2·02 | |
| | Kaler *C* | Ditto | ... | ... | ... | 2·14 | ... | ... | ... | 2·14 | |
| | Tibri *C* | 9th August | ... | ... | ... | 0·10 | 1·10 | ... | ... | 1·20 | |
| | Gurdáspur *s* | 8th August | ... | ... | 0·48 | 2·48 | ... | 0·14 | ... | 3·10 | |
| | Bhímpur *C* | Ditto | ... | ... | 0·05 | 3·10 | 0·70 | 0·25 | 1·20 | 5·30 | |
| | Patháukot | 5th August | ... | 1·26 | 0·91 | 1·60 | ... | 2·48 | 0·32 | 6·57 | |
| | Dalhousie *s* | 10th Do. | 0·86 | 0·08 | 1·93 | 3·21 | 0·63 | 1·43 | 1·14 | 9·28 | |
| | Mádhopur *C* *b* | Ditto | ... | ... | 2·35 | 3·20 | ... | 3·50 | 3·05 | 12·10 | |
| | Shakargarh | 8th August | ... | ... | 1·18 | 0·05 | 0·37 | 0·04 | ... | 1·64 | |
| Sialkot. | Zafarwál | 9th August | ... | ... | ... | 1·80 | ... | 0·70 | ... | 2·50 | |
| | Pasrúr | Ditto | ... | ... | ... | 1·12 | ... | ... | 0·40 | 1·52 | |
| | Raya | Ditto | ... | ... | ... | 0·72 | 0·13 | 0·76 | 0·47 | 2·08 | |
| | Daska | 10th August | ... | ... | ... | 0·50 | ... | 1·50 | ... | 2·00 | |
| | Siálkot *s* | Ditto | 0·10 | ... | ... | 1·24 | ... | ... | ... | 1·34 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each day of the Week. Month of August 1890. Monday 11th. | Tuesday 12th. | Wednesday 13th. | Thursday 14th. | Friday 15th. | Saturday 16th. | Sunday 17th | Total. | Special Remarks. |
| Gujrat. | Sadr *s* | 10th August | 0·16 | ... | ... | ... | 1·43 | 0·70 | ... | 2·29 | |
| | Gujrát | Ditto | 0·16 | ... | ... | ... | 1·43 | 0·70 | ... | 2·29 | |
| | Khárián | Ditto | 0·20 | ... | ... | ... | 0·20 | 0·85 | ... | 1·25 | |
| | Phália | 5th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar | 9th August | ... | 1·16 | ... | ... | 0·12 | ... | 0·28 | 1·56 | The condition of the present crops is generally good. But the overflow of the Chenáb has damaged to some extent the crops on low lands lying in the proximity of the river, also in tahsil Gujránwála excessive rain has damaged crops on low lands. Prices steady. Green fodder sufficient. |
| | Wazirabad | 10th Do. | ... | ... | ... | ... | 1·40 | ... | 0·20 | 1·60 | |
| | Sadr Kacheri *s* | Ditto | ... | 0·27 | ... | ... | 1·12 | ... | 1·12 | 2·60 | |
| | Shekhupura | 5th August | ... | 0·20 | 0·50 | ... | ... | ... | ... | 0·70 | |
| | Háfizabad | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 3rd Do. | 0·60 | ... | ... | ... | ... | ... | ... | 0·60 | |
| | Shahkot *C* | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh *s* | 6th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 25th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 4th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 10th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 26th July | ... | ... | ... | ... | 0·07 | ... | ... | 0·07 | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur *s* | 25th July | ... | 0·24 | ... | ... | ... | ... | ... | 0·24 | |
| | Bhera | 5th August | 0·52 | ... | ... | ... | ... | ... | ... | 0·52 | |
| | Miáni | 10th Do. | ... | 2·26 | ... | ... | ... | ... | 0·48 | 2·74 | |
| Jhelum. | Pind Dádan Khan | 10th August | 1·87 | ... | ... | ... | ... | ... | 1·23 | 3·10 | |
| | Sadr Station *s* | Ditto | ... | ... | ... | ... | 0·33 | 2·13 | ... | 2·46 | |
| | Chakwál | 4th August | ... | ... | ... | ... | ... | ... | 0·29 | 0·29 | |
| | Talagang | 6th Do. | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| Rawalpindi. | Pindigheb | 5th August | ... | ... | ... | ... | ... | 0·25 | 0·03 | 0·28 | |
| | Fatahjang | 10th Do. | ... | ... | ... | ... | 0·30 | ... | 0·43 | 0·73 | |
| | Attock | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi *s* | 5th August | ... | ... | ... | 2·42 | 0·43 | ... | 2·07 | 4·92 | |
| | Gujar Khan | Ditto | ... | ... | ... | 0·45 | ... | ... | 2·92 | 3·37 | |
| | Kahuta | 9th August | ... | ... | ... | 3·14 | 2·45 | ... | ... | 5·59 | |
| | Murree *s* | 10th Do. | ... | ... | 0·20 | 2·60 | 1·90 | 1·00 | 1·20 | 6·90 | |
| Hazara. | Abbott-abad *s* | 10th August | 0·83 | ... | ... | ... | 1·21 | 0·44 | 1·14 | 3·62 | |
| | Mansáhra | 9th Do. | 0·21 | ... | 0·20 | ... | 0·60 | ... | 0·36 | 1·37 | |
| | Haripur | 6th Do. | 0·50 | ... | ... | ... | 1·20 | 1·10 | 0·10 | 2·90 | |
| Peshawar. | Sawábi | 10th August | ... | ... | ... | ... | 0·65 | 0·02 | 0·12 | 0·79 | |
| | Lahore (Utman Bolak) | 4th Do. | 3·10 | ... | ... | ... | ... | 1·00 | ... | 4·10 | |
| | Nowshera | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán *s* | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 5th Do | ... | ... | ... | ... | 0·35 | ... | ... | 0·35 | |
| | Hashtnagar | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát *s* | 6th August | ... | ... | ... | ... | ... | D·T·0·61 | T. | 0·61 | |
| | Hangu | 7th Do. | 0·70 | ... | ... | ... | ... | 0·40 | ... | 1·10 | |
| | Thal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 8th August | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| Bannu. | Miánwáli | 1st August | ... | ... | ... | ... | ... | ... | ... | ... | Locusts appeared in parganas Miánwáli, Isa Khel and Marwat and went towards the north after damaging the crops slightly. They left eggs. |
| | Isa Khel | 6th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | 10th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | 6th Do. | 0·70 | ... | ... | ... | ... | ... | ... | 0·70 | |
| Dera Ismail Khan. | Tánk | 6th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan *s* | 27th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | 8th August | 1·15 | ... | ... | ... | ... | ... | ... | 1·15 | |
| | Leiah | 6th Do. | ... | 0·63 | 0·09 | ... | ... | ... | ... | 0·72 | |
| Dera Ghazi Khan. | Sangarh | 29th July | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan *s* | 27th Do. | ... | 0·42 | ... | ... | ... | ... | ... | 0·42 | |
| | Fort Munro *s* | 10th August | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Jampur | 3rd Do. | 0·16 | 0·10 | ... | ... | ... | ... | ... | 0·26 | |
| | Rájanpur | 4th Do. | 0·94 | 0·40 | ... | ... | ... | ... | ... | 1·34 | |
| Muzaffargarh. | Alipur | 6th August | 0·32 | ... | ... | ... | ... | ... | ... | 0·32 | |
| | Muzaffargarh *s* | 10th Do. | 0·59 | R. | ... | ... | ... | ... | ... | 0·59 | |
| | Sinánwán | 26th July | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of July 1890.*

| Detail. | Unit. | | Remarks. |
|---|---|---|---|
| Length of channel open ... ... | Miles | 188 | |
| Receipts. Tollage. Private boats... ... ... | Rs. | 217 | |
| Receipts. Tollage. Government boats ... ... | " | 3 | |
| Receipts. Tollage. Rafts ... ... ... | " | 94 | |
| Receipts. Hire of Government boats ... ... | " | 5 | |
| Receipts. Total ... | " | 319 | |
| Cost of Navigation Establishment... ... | " | *135 | * Includes maintenance charges. |
| Net Revenue during month ... ... | " | 184 | |
| Boats plying. Number ... Cargo... ... | No. | 32 | |
| Boats plying. Number ... Passengers ... | " | 15 | |
| Boats plying. Tonnage ... Cargo... ... | Tons | 475 | |
| Boats plying. Tonnage ... Passengers ... | " | 44 | |
| Ton mileage ... Up ... ... | " | 20,811 | |
| Ton mileage ... Down... ... | " | 12,573 | |
| Ton mileage ... Total ... ... | " | 33,384 | |
| Estimated value of cargo Up ... ... | Rs. | 28,307 | |
| Estimated value of cargo Down... ... | " | 21,826 | |
| Estimated value of cargo Total ... ... | " | 50,133 | |
| Number of passengers ... ... ... | No. | 569 | |
| Rafts ... ... Contents—Down ... | C. ft. | 4,033 | |
| Rafts ... ... Estimated value ... | Rs. | 3,544 | |
| Tollage on boats per ton per mile ... ... | Pies | $1\frac{2}{3}$ | |
| Description and quantities of goods carried. Grain ... ... Up ... ... | Tons | 380 | |
| Grain ... ... Down... ... | " | 319 | |
| Grain ... ... Total ... ... | " | 699 | |
| Salt ... ... Up ... ... | " | 40 | |
| Metals ... Up ... | " | 17 | |
| Metals ... Down... ... | " | 4 | |
| Metals ... Total ... | " | 21 | |
| Building materials ... Up ... ... | " | 18 | |
| Building materials ... Down... ... | " | 73 | |
| Building materials ... Total ... ... | " | 91 | |
| Fuel ... ... Up ... ... | " | 38 | |
| Timber ... ... Up ... ... | " | 13 | |
| Timber ... ... Down... ... | " | 28 | |
| Timber ... ... Total ... ... | " | 41 | |
| Miscellaneous ... Up ... | " | 5 | |
| Miscellaneous ... Down ... | " | 36 | |
| Miscellaneous ... Total ... | | 41 | |
| Total Traffic ... Up ... ... | " | 511 | |
| Total Traffic ... Down... ... | " | 460 | |
| Total Traffic ... Total ... ... | " | 971 | |
| Rafts. Logs, round and squared—Down ... | " | 43 | |
| Rafts. Sleepers, broad gauge—Down ... | " | 11 | |
| Rafts. Sleepers, metre gauge—Down ... | " | 1 | |
| Rafts. Bamboos and Reeds—Down ... | " | 1 | |
| Rafts. Total Rafts ... | " | 56 | |

LAHORE:
*The 26th August 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of July 1890.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... | | | Miles | 230 | |
| Receipts. Tollage. | Private boats ... | | Rs. | 385 | |
| | Government boats | | " | 12 | |
| | Rafts ... | | " | 1,017 | |
| | | Total | " | 1,414 | |
| Cost of Navigation Establishment ... | | | " | * 1,102 | * Includes maintenance charges. |
| Net Revenue during month ... | | | " | 312 | |
| Boats plying. | Number ... | Cargo... | No. | 52 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... | Cargo... | Tons | 1,019 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... | | Up ... | " | 67,862 | |
| | | Down... | " | 70,722 | |
| | | Total ... | " | 138,584 | |
| Estimated value of Cargo ... | | Up ... | " | 3,152 | |
| | | Down ... | " | 46,225 | |
| | | Total ... | " | 49,377 | |
| Number of passengers ... | | | No. | ... | |
| Rafts ... | | Contents, Down ... | C. ft. | 30,692 | |
| | | Estimated value ... | Rs. | 15,313 | |
| Tollage on boats per ton per mile ... | | | Pie. | 0·5 | |
| Do. rafts per 100 cubic feet ... | | | Rs. | 3-5-0 | |
| Description and quantities of goods carried. | Grain ... | Down ... | Tons | 583 | |
| | Building materials ... | Up ... | " | 348 | |
| | Fuel ... | Up ... | " | 50 | |
| | | Down ... | " | 190 | |
| | | Total ... | " | 240 | |
| | Timber ... | Up ... | " | 16 | |
| | | Down ... | " | 17 | |
| | | Total ... | " | 33 | |
| | Miscellaneous ... | Up ... | " | 14 | |
| | | Down ... | " | 17 | |
| | | Total ... | " | 31 | |
| | Total Traffic ... | Up ... | " | 428 | |
| | | Down ... | " | 807 | |
| | | Total ... | " | 1,235 | |
| | Rafts. Sleepers, broad gauge—Down ... | | " | 102 | |
| | Sleepers, metre gauge—Down ... | | " | 425 | |
| | Ballas and karries | Down ... | " | 84 | |
| | | Total ... | " | 611 | |

LAHORE:
*The 26th August 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 2nd AUGUST 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 5 | 9 | 7 | 3 | 4 | ... | ... | 5 | ... | ... | 2 | ... | ... | ... | 33 | 26 |
| 2 | | Hansi ... | 12,656 | 11 | 4 | 15 | 6 | 3 | 3 | ... | ... | 3 | 1 | ... | 2 | 2 | 2 | 4 | 62 | 25 |
| 3 | | Bhiwani ... | 33,762 | 15 | 12 | 27 | 18 | 10 | 8 | ... | ... | 4 | 1 | ... | 13 | 7 | 1 | 8 | 42 | 28 |
| 4 | | Sirsa ... | 12,292 | 5 | 5 | 10 | 7 | 4 | 3 | ... | ... | 4 | ... | ... | 3 | 2 | ... | 2 | 42 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | 3 | 9 | 4 | 4 | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | 30 | 13 |
| 6 | | Jhajjar ... | 11,650 | 6 | 6 | 12 | 7 | 5 | 2 | ... | ... | 2 | ... | ... | 5 | 2 | 1 | 3 | 54 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 13 | 8 | 21 | 6 | 5 | 1 | ... | ... | 2 | 1 | ... | 3 | 2 | 1 | 3 | 45 | 13 |
| 8 | | Palwal ... | 10,635 | 5 | 5 | 10 | 3 | 1 | 2 | ... | ... | ... | ... | ... | 3 | 1 | 1 | 2 | 49 | 15 |
| 9 | Delhi ... | Delhi ... | 117,363 | 62 | 51 | 113 | 65 | 34 | 31 | ... | ... | 36 | 1 | 1 | 27 | 11 | 11 | 22 | 50 | 29 |
| 10 | | " Suburbs ... | 52,882 | 11 | 9 | 20 | 16 | 4 | 12 | ... | ... | 11 | 2 | 1 | 2 | ... | 2 | 2 | 20 | 16 |
| 11 | | Sonepat ... | 13,077 | 7 | 8 | 15 | 8 | 2 | 6 | ... | ... | 5 | 1 | ... | 2 | 2 | ... | 2 | 60 | 32 |
| 12 | Karnal ... | Karnal ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 13 | | Kaithal ... | | | | | | | | | | | | | | | | | | |
| 14 | | Panipat ... | | | | | | | | | | | | | | | | | | |
| 15 | Umballa ... | Umballa ... | 26,777 | 8 | 9 | 17 | 19 | 10 | 9 | ... | 1 | 8 | 2 | ... | 8 | 2 | 1 | 3 | 33 | 37 |
| 16 | | Jagadhri ... | 12,300 | 4 | 1 | 5 | 4 | ... | 4 | 1 | 1 | ... | ... | ... | 2 | ... | 1 | 1 | 21 | 17 |
| 17 | | Shahabad ... | 10,218 | 2 | 5 | 7 | 22 | 12 | 10 | 7 | 2 | 7 | 1 | ... | 5 | 2 | ... | 2 | 36 | 112 |
| 18 | | Sadhaura ... | 10,794 | 4 | 5 | 9 | 16 | 9 | 7 | ... | ... | 9 | 2 | ... | 5 | 5 | 1 | 6 | 43 | 77 |
| 19 | | Rupar ... | 10,326 | 3 | 4 | 7 | 5 | 3 | 2 | ... | 2 | 1 | 2 | ... | ... | ... | ... | ... | 35 | 25 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 7 | 4 | 11 | 10 | 5 | 5 | ... | ... | 4 | 4 | ... | 2 | 2 | 1 | 3 | 43 | 39 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 3 | 7 | 6 | 5 | 1 | ... | ... | 6 | ... | ... | ... | 1 | 1 | 2 | 35 | 30 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 17 | 22 | 39 | 25 | 9 | 16 | ... | ... | 16 | 1 | ... | 8 | 7 | 5 | 12 | 65 | 42 |
| 23 | | " Suburbs ... | 11,474 | 6 | 6 | 12 | 15 | 6 | 9 | ... | ... | 8 | 2 | ... | 5 | 4 | 2 | 6 | 55 | 68 |
| 24 | | Rahon ... | 11,736 | 7 | 3 | 10 | 3 | 2 | 1 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 44 | 13 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 13 | 30 | 22 | 13 | 9 | ... | ... | 12 | 1 | ... | 9 | 4 | 1 | 5 | 35 | 26 |
| 26 | | Jagraon ... | 16,873 | 14 | 6 | 20 | 12 | 6 | 6 | ... | ... | 9 | ... | 1 | 2 | 2 | 3 | 5 | 62 | 37 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 10 | 1 | 11 | 17 | 12 | 5 | ... | ... | 6 | 1 | ... | 10 | 4 | 1 | 5 | 27 | 42 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 24 | 15 | 39 | 23 | 15 | 8 | ... | ... | 10 | 1 | ... | 12 | 10 | 5 | 15 | 64 | 38 |
| 29 | | " Suburbs ... | 25,593 | 15 | 10 | 25 | 17 | 10 | 7 | ... | ... | 3 | ... | ... | 14 | 7 | 4 | 11 | 51 | 35 |
| 30 | Jhang ... | Maghiana ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 31 | | Chiniot ... | | | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhoea. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 51 | 39 | 90 | 66 | 35 | 31 | ... | ... | 37 | 3 | ... | 26 | 12 | 11 | 23 | 48 | 35 |
| 33 | Lahore ... | „ Suburbs ... | 41,670 | 11 | 4 | 15 | 20 | 14 | 6 | ... | ... | 9 | 2 | 1 | 8 | 2 | 2 | 4 | 19 | 25 |
| 34 | Lahore ... | Kasur ... | 17,336 | 4 | 5 | 9 | 11 | 6 | 5 | ... | ... | 7 | ... | ... | 4 | 2 | 1 | 3 | 27 | 33 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 60 | 48 | 108 | 122 | 59 | 63 | 2 | ... | 61 | 6 | ... | 53 | 24 | 23 | 47 | 39 | 44 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 11 | 15 | 26 | 21 | 4 | 17 | ... | ... | 14 | ... | ... | 7 | 1 | 3 | 4 | 56 | 45 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 18 | 11 | 29 | 18 | 11 | 7 | ... | ... | 6 | 2 | ... | 10 | 4 | 2 | 6 | 45 | 28 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 10 | 5 | 15 | 9 | 5 | 4 | ... | ... | 6 | 1 | ... | 2 | ... | ... | ... | 42 | 25 |
| 39 | Gujrat ... | Jalalpur ... | 12,839 | 6 | 5 | 11 | 5 | 1 | 4 | ... | ... | 1 | 1 | ... | 3 | ... | 1 | 1 | 45 | 20 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 11 | 6 | 17 | 18 | 9 | 9 | ... | ... | 10 | 1 | ... | 7 | ... | 2 | 2 | 39 | 41 |
| 41 | Gujranwala... | Wazirabad ... | 16,462 | 7 | 6 | 13 | 12 | 7 | 5 | ... | ... | 7 | 2 | ... | 3 | 2 | 1 | 3 | 41 | 38 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 12 | 4 | 16 | 14 | 10 | 4 | ... | ... | 4 | ... | ... | 10 | 8 | 3 | 11 | 55 | 48 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 3 | 6 | 7 | 5 | 2 | ... | ... | 2 | 1 | ... | 4 | 2 | 1 | 3 | 19 | 22 |
| 44 | Jhelum ... | Pind Dadan Khan ... | 16,724 | 4 | 5 | 9 | 7 | 4 | 3 | ... | ... | 4 | 2 | ... | 1 | ... | 1 | 1 | 28 | 22 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 4 | 6 | 10 | 20 | 12 | 8 | ... | ... | 9 | 3 | ... | 8 | 3 | 4 | 7 | 19 | 38 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 18 | 12 | 30 | 29 | 16 | 13 | ... | ... | 17 | 1 | ... | 11 | 6 | 5 | 11 | 26 | 25 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 1 | 5 | 5 | 1 | 4 | ... | 1 | 3 | ... | ... | 1 | ... | ... | ... | 19 | 19 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 7 | 4 | 11 | 9 | 7 | 2 | ... | ... | 4 | 1 | ... | 4 | 3 | ... | 3 | 30 | 25 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 1 | 5 | 6 | 3 | 3 | ... | ... | 4 | ... | ... | 2 | 1 | ... | 1 | 13 | 16 |
| | Birth and death rate of London for the week ending 12th July 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·2 | 17·4 |
| | Grand Total ... | | 1,223,566 | 532 | 403 | 935 | 762 | 401 | 361 | 10 | 7 | 379 | 50 | 4 | 312 | 149 | 105 | 254 | 4[illegible] | 33 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 2 | 1 | 3 | 7 | 5 | 2 | ... | ... | 4 | 1 | 1 | 1 | ... | 1 | 1 | 13 | 30 |
| | Dharmsala ... | ... ... ... | 3,839 | ... | 2 | 2 | 2 | 1 | 1 | 5 | ... | ... | ... | ... | 1 | ... | 1 | 1 | 27 | 27 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 18[illegible]1.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 23rd August* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 2nd August* 1890.

*General results.*—The return is incomplete, the registers for the districts of Karnál, Jhang and Muzaffargarh not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 8,334 against 8,377 in the previous week and 8,285 in the corresponding week of the past year, giving, respectively, an annual death-rate of 24·9, 25·0 and 24·7 per 1,000 of population. For the districts from which complete returns have been received the registered death-rate was 0·1 per 1,000 less than the registered rate of the same districts for the previous week, but was 0·8 per 1,000 greater than the average rate for the corresponding week of the five years 1885—1889.

*Cholera.*—There were 89 deaths registered under the head of cholera against 108 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Hissar ... ... ... | Rural Circle ... ... ... ... | 4 |
| Gurgaon ... ... ... | Rural Circles ... ... ... ... | 10 |
| Delhi ... ... ... | Rural Circle ... ... ... ... | 4 |
| Umballa ... ... ... | Jagádhri Town ... ... ... ... | 1 |
| Do. ... ... ... | Shahabad Town ... ... ... ... | 7 |
| Do. ... ... ... | Thanesar Town ... ... ... ... | 5 |
| Kángra ... ... ... | Kángra Town ... ... ... ... | 2 |
| Do. ... ... ... | Dharmsála Sanitarium ... ... ... | 1 |
| Do. ... ... ... | Nádaon Town ... ... ... ... | 4 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 21 |
| Hoshiárpur ... ... ... | Rural Circles ... ... ... ... | 4 |
| Montgomery ... ... ... | Rural Circle ... ... ... ... | 2 |
| Lahore ... ... ... | Chunian Town ... ... ... ... | 17 |
| Do. ... ... ... | Patti Town ... ... ... ... | 1 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 4 |
| Amritsar ... ... ... | Amritsar City ... ... ... ... | 2 |
| | Total ... | 89 |

*Small-pox.*—From small-pox 123 deaths were registered against 110 in the previous week and 67 in the corresponding week of the past year.

*Fevers.*—From fevers there were 5,573 deaths against 5,612 in the previous week and 5,512 in the corresponding week of the past year.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 257 deaths against 207 in the previous week and 335 registered under bowel complaints in the corresponding week of the past year.

*Chest disease.*—Four hundred and forty-nine against 437 and 450.

*Snake-bite.*—Thirty-four against 44 and 41.

*Hydrophobia.*—Two against 4 and 2.

*All other causes.*—One thousand eight hundred and seven against 1,855 in the previous week and 1,709 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand four hundred and twenty-one deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,281 were males and 1,140 females.

*Births and Deaths in Municipal Towns.*—In the 44 large municipal towns 762 deaths were registered (401 males and 361 females), giving a death-rate of 32 per mille of population; 935 births were registered (532 males and 403 females), giving a birth-rate of 40 per mille of population. The mortality of the municipal town of Shahabad, in the district of Umballa, was at the annual rate of 112 per 1,000.

LAHORE : *The 23rd August* 1890.

A. STEPHEN, SURGEON-MAJOR,

*Sanitary Commissioner, Punjab.*

No. 36 of 1890

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 4, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 2nd SEPTEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Sufficient. | Stationary. | Rain much wanted. | ... |
| 2 | Delhi ... | ... | ... | Fluctuating. | Crops withering in some places by the strong west wind. | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Crops ripening. | ... |
| 4 | Jullundur ... | ... | Insufficient. | Do. | Rain much wanted. Condition of crops average. | Ploughings in progress. |
| 5 | Ferozepore ... | ... | Ample. | Do. | Locusts visited Moga, but did no damage. | Ditto. |
| 6 | Amritsar ... | ... | Sufficient. | Do. | Crops in good condition. No complaints against canal working. | Ditto. |
| 7 | Siálkot ... | Some rainfall in Zaffarwál and Siálkot. | Abundant. | Do. | Prospects of crops good. | ... |
| 8 | Lahore ... | ... | Sufficient. | Falling in Lahore; elsewhere stationary | Prospects of standing crops good. | Ploughings in progress. |
| 9 | Mooltan ... | ... | Do. | Falling. | Crops in good condition. Chenab and Sutlej Canals fallen. Rice crops likely to be affected by fall in canals. | ... |
| 10 | Ráwalpindi ... | 0·85 at Ráwalpindi. 0·50 in Gujar Khan. 0·85 in Kahuta. | Do. | ... | Prospects good. | ... |
| 11 | Shahpur ... | Slight rainfall in parts of Shahpur Tahsil. | Do. | Stationary. | Crops improved. Young locusts have done some damage to crops in tahsil Khusháb. | Ploughings progressing. |
| 12 | D. I. Khan ... | 1·35 | ... | Do. | Condition of crops good. | ... |
| 13 | Peshawar ... | ... | Sufficient. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Good rain has fallen in Ráwalpindi and Dera Ismail Khan; slight in Siálkot and Shahpur. Prices unsettled in Delhi; falling in Mooltan and Lahore city; elsewhere stationary. Ploughings for rabi in progress. More rain urgently wanted in Hissar and Jullundur. Condition of crops is generally reported good to average. Kharif crops withering by the strong west wind in some places in Delhi. Rice crop likely to be affected by fall of canals in Mooltan. Locusts visited Moga and Khusháb, but the young ones have done some damage in the latter tahsil. Fodder insufficient at Jullundur; ample at Ferozepore; abundant at Siálkot; elsewhere sufficient.

PESTONJI, *Supdt.,*

*... Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING JULY 1890.

## TABLE A.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A.M. | Variation from normal. | Mean direction and force, July 1890. | Normal direction and force, July. | 8 A.M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | Humidity. | Vapour tension. | Amount of cloud 10 = overcast. |
| Delhi ... | 29·432 | — ·077 | S. 7° E. 2 | S. 45° E. 4 | 81·9 | 91·7 | — 2·3 | 79·5 | — 0·9 | — 1·6 | 82 | ·882 | 9 |
| Sirsa ... | 29·433 | — ·053 | S. 16° W. 10 | S. 3° W. 5 | 84·5 | 98·0 | — 1·9 | 80·5 | — 0·6 | — 1·3 | 76 | ·891 | 9 |
| Ludhiána ... | 29·440 | — ·064 | S. 53° E. 3 | S. 46° E. 2 | 83·5 | 94·0 | — 4·2 | 78·9 | — 1·0 | — 2·6 | 80 | ·913 | |
| Lahore ... | 29·426 | — ·059 | S. 58° E. 4 | S. 84° E. 3 | 84·0 | 93·9 | — 4·9 | 79·3 | — 1·5 | — 3·2 | 79 | ·914 | 6 |
| Montgomery ... | 29·400 | ? | S. 22° E. 10 | ? | 88·5 | 102·6 | ? | 83·5 | ? | ? | 65 | ·872 | 4 |
| Siálkot ... | 29·432 | — ·061 | N. 72° E. 4 | S. 86° E. 2 | 83·6 | 95·2 | — 2·5 | 78·3 | — 0·8 | — 1·7 | 80 | ·925 | 5 |
| Ráwalpindi ... | 29·415 | — ·051 | N. 79° E. 4 | S. 66° E. 2 | 80·8 | 93·3 | — 4·5 | 75·3 | — 1·5 | — 3·0 | 77 | ·812 | 6 |
| Peshávar ... | 29·383 | — ·057 | N. 18° W. 6 | N. 56° E. 4 | 86·6 | 101·7 | — 1·1 | 79·7 | + 0·5 | — 0·3 | 67 | ·84[illegible] | 3 |
| Dera Ismail Khan ... | 29·388 | — ·072 | N. 63° E. 2 | S. 79° E. 2 | 88·6 | 104·0 | + 0·5 | 82·8 | + 0·7 | + 0·6 | 67 | ·897 | 2 |
| Mooltan ... | 29·400 | — ·046 | S. 42° E. 2 | S. 25° W. 3 | 88·7 | 104·0 | + 0·9 | 84·2 | + 1·4 | + 1·2 | 61 | ·856 | 2 |
| Simla ... | 22·884 | — ·069 | N. 73° W. ... | S. 63° W. 2 | 62·9 | 68·9 | — 3·2 | 60·4 | — 0·2 | — 1·7 | 93 | ·529 | 9 |
| Murree ... | 23·638 | — ·067 | N. 45° W. 7 | S. 15° E. 6 | 65·2 | 73·4 | — 4·0 | 57·7 | — 5·2 | — 4·6 | 87 | ·543 | 6 |

Strongly marked monsoon conditions have prevailed throughout the Indian region during the month under review. The monsoon current on the Arabian Sea coast and that over the Bay of Bengal have both blown strongly and continuously. At the same time there has been nothing in the distribution of pressure to interfere with the free ingress of monsoon winds into the Punjab, where indeed pressure has been lower than usual, so that throughout the whole month there has been no interruption in the prevalence of the monsoon or in the general rainfall.

On the 1st and 2nd of the month the weather was fair, and nothing more than local showers, generally on or near the hills, were reported, but on the 3rd, when a depression was approaching the Province from the south-westward, general moderate rain fell. On the 4th this depression lay near Sirsa, on the 5th between Ludhiána and Lahore, and on the 6th it had filled up. In its passage across the Province it had occasioned heavy general rain, the largest amounts being 5 inches at Montgomery on the 5th and 4 inches at Ráwalpindi on the 4th and at Lahore on the 5th. After the disappearance of this depression moderately fair weather (but with numerous light showers over and in the neighbourhood of the hills) continued until the 13th. After that date a small depression made its appearance in the extreme west of the Province, the south-easterly current of air increased and rain became more general, the heaviest falls during this burst being 2½ inches at Delhi on the 15th and

2 inches at Ráwalpindi on the 16th. After the 16th pressure fell steadily and briskly, so that by the 19th the barometer read between 0·1″ and 0·2″ below the normal average throughout the Province. This exceptionally low pressure lasted until the close of the month, and was accompanied by a strong inrush of south-easterly winds, which at times gave heavy rainfall over the greater part of the Province and throughout the whole period to the submontane and montane stations.

| | | | | | |
|---|---|---|---|---|---|
| On the | 19th | Delhi | received | 5·4 | inches. |
| ,, | ,, | Simla | received | 2·1 | ,, |
| ,, | 20th | Lahore | received | 2·1 | ,, |
| ,, | 21st | Sirsa | received | 2·0 | ,, |
| ,, | ,, | Ráwalpindi | received | 3·5 | ,, |
| ,, | 22nd | Sirsa | received | 2·4 | ,, |
| ,, | ,, | Ludhiána | received | 2·4 | ,, |
| ,, | 23rd no important falls. | | | | |
| ,, | 24th | Ráwalpindi | received | 5·7 | inches. |
| ,, | ,, | Murree | received | 2·2 | ,, |
| ,, | 25th no important falls. | | | | |
| ,, | 26th | Ráwalpindi | received | 4·3 | inches. |
| ,, | ,, | Ludhiána | received | 2·7 | ,, |
| ,, | 27th to 29th no important falls. | | | | |
| ,, | 30th | Simla | received | 4·7 | inches. |
| ,, | 31st | Simla | received | 4·0 | ,, |

This record of maximum rainfall shows that during the last ten days of the month rain fell very heavily, but that, with the exception of Delhi and Sirsa, the largest amounts were generally confined to the northern parts of the Province.

*Pressure*—Was largely below the average everywhere, the deficiency ranging from 0·046″ at Mooltan to 0·077″ at Delhi. On the 26th the barometer was particularly low throughout the Province, the deficiency equalling or exceeding 0·2″ at Ludhiána, Siálkot and Dera Ismail Khan.

*Temperature.*—Owing to the constant rainfall noticed above, the month has been a cool one generally. The only stations reporting an excess of temperature are Mooltan and Dera Ismail Khan, where the rainfall was a little short. At all the other stations the mean temperature was abnormally low, the deficiency ranging from 4½° at Murree and 3° at Ráwalpindi, Lahore and Ludhiána to only 0·3° at Pesháwar. The day temperatures were more depressed than the night temperatures, and at four stations the deficiency of the mean maximum temperature amounted to 4°.

*Humidity and cloud.*—The humidity was high, and the cloud proportion, except in the Indus Valley, was considerable.

*Rain.*—The concluding table shows that at four out of the twelve stations the rainfall of the month has been lighter than usual. These stations are Mooltan, Dera Ismail Khan, Siálkot and Ludhiána, and on the whole the shortness of rainfall has not been important. At all the other stations there has been more rain than the normal, the excess amounting to 14 inches at Ráwalpindi followed by 8·6 inches at Simla and 4·7 inches at Lahore and Simla.

For the whole monsoon period there are only two stations, *viz*, Pesháwar and Dera Ismail Khan, where there is any deficiency, and there it is only slight.

The following table gives the rainfall data for the Punjab stations for July 1890 :—

TABLE B.

| Stations. | Normal average rainfall in July. | Actual rainfall in July 1890. | Difference from the average in July 1890. |
|---|---|---|---|
| *Punjab, West.* | Inches. | Inches. | Inches. |
| Mooltan ... ... ... ... ... ... | 2·17 | 1·89 | — 0·28 |
| Dera Ismail Khan ... ... ... ... ... | 2·61 | 1·77 | — 0·84 |
| Pesháwar ... ... ... ... ... | 1·44 | 1·47 | + 0·03 |
| Murree ... ... ... ... .. ... | 9·65 | 12·36 | + 2·71 |
| Ráwalpindi ... ... ... ... ... | 7·12 | 21·06 | + 13·94 |
| Siálkot ... ... ... ... ... ... | 7·67 | 6·01 | — 1·66 |
| Lahore ... ... ... ... ... ... | 6·57 | 11·27 | + 4·70 |
| Montgomery ... ... ... ... ... | 3·13 | 5·09 | + 1·96 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 11·20 | 9·20 | — 2·00 |
| Simla ... ... ... ... ... ... | 17·46 | 26·11 | + 8·65 |
| Delhi ... ... ... ... ... ... | 9·08 | 13·85 | + 4·77 |
| Sirsa ... ... ... ... ... ... | 4·04 | 6·75 | + 2·71 |

SIMLA : }
*The* 20*th August* 1890. }

W. L. DALLAS,
*Meteorological Reporter to Government, Punjab.*

# RAIN RETURNS, PUNJAB.

Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 27th July 1890.* | | | | | | | | |
| | | | Monday 21st. | Tuesday 22nd. | Wednesday 23rd. | Thursday 24th. | Friday 25th. | Saturday 26th. | Sunday 27th. | | |
| Ferozepore. | Gobindgarh c | 20th July ... | ... | ... | ... | 0·90 | ... | ... | ... | 0·90 | |
| | | | *Week ending 17th August 1890.* | | | | | | | | |
| | | | Monday 11th. | Tuesday 12th. | Wednesday 13th. | Thursday 14th. | Friday 15th. | Saturday 16th. | Sunday 17th. | | |
| Dera Ghazi Khan. | Fort Munro ... | 10th August ... | 0·04 | 0·25 | ... | ... | ... | ... | ... | 0·29 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 24th AUGUST 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of August* 1890. | | | | | | | | |
| District. | Rain-gauge Stations. | Date of fall last reported. | Monday 18th. | Tuesday 19th. | Wednesday 20th. | Thursday 21st. | Friday 22nd. | Saturday 23rd. | Sunday 24th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 10th August | ... | ... | ... | ... | ... | ... | 0·10 | 0·10 | |
| | Fatahabad | Ditto | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Barwála | 13th August | ... | ... | ... | ... | ... | ... | 0·81 | 0·81 | |
| | Hissar s | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | Ditto | ... | ... | ... | ... | ... | ... | 0·30 | 0·30 | |
| Gurgaon. | Farukhnagar | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | 17th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | Ditto | ... | ... | ... | 0·04 | ... | ... | ... | 0·04 | |
| Karnal. | Pánipat | 15th August | ... | ... | 0·37 | ... | ... | ... | ... | 0·37 | |
| | Karnál s | Ditto | ... | ... | ... | 0·02 | ... | ... | ... | 0·02 | |
| | Rajaund | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 15th August | ... | ... | ... | 1·15 | ... | ... | ... | 1·15 | |
| | Jagádhri | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa s | 16th Do. | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Naráingarh | 17th Do. | 0·27 | 0·10 | 0·12 | ... | ... | ... | ... | 0·49 | |
| | Kharar | 16th Do. | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Rúpar | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 16th Do. | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Raniki *C* | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli s | 17th August | 1·90 | 0·41 | 2·50 | ... | ... | ... | ... | 4·81 | |
| | Barauli | Ditto | 4·90 | 0·48 | 0·33 | ... | ... | ... | ... | 5·71 | |
| | Simla s | Ditto | 2·41 | 4·11 | 0·07 | ... | 0·15 | ... | ... | 6·74 | |
| | Kot Khái | Ditto | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Kotgarh | Ditto | 0·40 | ... | ... | ... | ... | ... | ... | 0·40 | |
| | Kilba s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 17th August | 0·37 | 0·08 | ... | 0·02 | ... | ... | ... | 0·47 | |
| | Kulu s | 15th Do. | 0·58 | 1·30 | ... | ... | ... | ... | ... | 1·88 | |
| | Nagar | Ditto | 1·30 | 0·35 | 0·60 | 0·40 | ... | ... | ... | 2·65 | |
| | Pálampur | 17th August | 7·80 | 5·10 | 0·22 | ... | 0·04 | ... | ... | 13·16 | |
| | Hamírpur | Ditto | 1·80 | 5·05 | R. | ... | ... | ... | ... | 6·85 | |
| | Dera | Ditto | 0·61 | 2·74 | 0·21 | 0·36 | ... | ... | ... | 3·92 | |
| | Kángra | Ditto | 3·22 | 6·52 | 0·39 | 0·18 | ... | ... | ... | 10·31 | |
| | Dharmsála s | Ditto | 0·88 | 2·65 | 2·00 | 0·15 | 0·16 | ... | ... | 5·84 | |
| | Nurpur | Ditto | 3·20 | 0·35 | 0·80 | ... | ... | 0·87 | ... | 5·22 | |
| Hoshiarpur. | Dasúya | 16th August | ... | 0·47 | ... | ... | 0·11 | ... | ... | 0·58 | |
| | Una | 17th Do. | 0·32 | 0·39 | ... | ... | ... | ... | ... | 0·71 | |
| | Garhshankar | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | Ditto | ... | 0·10 | ... | ... | 0·10 | ... | ... | 0·20 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of August 1890. Monday 18th. | Tuesday 19th. | Wednesday 20th | Thursday 21st. | Friday 22nd. | Saturday 23rd. | Sunday 24th | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 14th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto ... | ... | ... | 0·07 | 0·19 | ... | ... | ... | 0·26 | |
| | Nawashahr ... | 17th August ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| Ludhiana. | Samrála ... | 7th August ... | ... | ... | 0·20 | ... | 0·07 | ... | ... | 0·27 | |
| | Ludhiána s | 14th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon ... | Ditto ... | ... | ... | ... | ... | 0·70 | ... | ... | 0·70 | |
| Ferozepore. | Moga ... | 12th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | 15th Do. ... | ... | ... | ... | ... | 0·45 | ... | ... | 0·45 | |
| | Ferozepore ... | 10th Do. ... | ... | ... | ... | ... | ... | 0·09 | ... | 0·09 | |
| | Ferozepore city ... | 9th Do. ... | ... | ... | ... | ... | ... | 0·22 | ... | 0·22 | |
| | Muktsar ... | 7th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 9th August ... | ... | ... | ... | ... | ... | 0·08 | ... | 0·08 | |
| | Lodhrán ... | 13th Do. ... | ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| | Shujabad ... | 12th Do. ... | ... | ... | ... | ... | ... | 0·16 | ... | 0·16 | |
| | Mooltan ... | 11th Do. ... | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Kabírwála ... | 13th Do. ... | ... | ... | ... | ... | ... | 0·08 | ... | 0·08 | |
| Jhang. | Sherkot ... | 11th August ... | ... | ... | ... | ... | ... | 0·44 | ... | 0·44 | |
| | Jhang s | 9th Do. ... | ... | ... | ... | ... | ... | 2·80 | ... | 2·80 | |
| | Chiniot ... | 10th Do. ... | ... | ... | ... | ... | 0·68 | ... | ... | 0·68 | |
| Montgomery. | Gugera ... | 6th August ... | ... | ... | ... | ... | ... | 0·27 | ... | 0·27 | |
| | Montgomery s | 11th Do. ... | ... | ... | ... | ... | ... | 1·42 | ... | 1·42 | |
| | Pákpattan ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 11th Do. ... | ... | ... | ... | ... | ... | 0·22 | ... | 0·22 | |
| Lahore. | Van C b | 14th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián ... | Ditto ... | ... | ... | ... | ... | 0·12 | ... | ... | 0·12 | |
| | Kasúr ... | 9th August ... | ... | ... | ... | ... | ... | 0·03 | ... | 0·03 | |
| | Pambe C ... | 16th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 8th Do. ... | ... | ... | ... | ... | 0·50 | 0·40 | ... | 0·90 | |
| | Niáz Beg C ... | 10th Do. ... | ... | ... | ... | ... | ... | ... | 1·30 | 1·30 | |
| | Lahore s | 13th Do. ... | ... | ... | 0·11 | ... | ... | 1·71 | ... | 1·82 | |
| | Meean Meer C b | 9th Do. ... | ... | ... | ... | ... | ... | 1·87 | ... | 1·87 | |
| | Manihála C ... | Ditto ... | ... | ... | ... | ... | ... | 0·29 | ... | 0·29 | |
| | Dafthu C b | 16th August ... | ... | ... | ... | ... | ... | 0·84 | ... | 0·84 | |
| Amritsar. | Buchar C b | 16th August ... | ... | ... | ... | ... | ... | 0·40 | ... | 0·40 | |
| | Khara C ... | 15th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | Ditto ... | ... | ... | ... | ... | 0·10 | ... | ... | 0·10 | |
| | Raya C ... | 16th August . | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála C ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 15th August ... | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Amritsar Sádr .. | Ditto ... | ... | ... | ... | ... | 0·60 | ... | ... | 0·60 | |
| | Amritsar C ... | 16th August ... | ... | ... | ... | ... | ... | 0·60 | ... | 0·60 | |
| | Buggeh C ... | Ditto ... | ... | ... | 0·20 | ... | ... | 0·53 | ... | 0·73 | |
| | Ajnála ... | 9th August ... | ... | ... | ... | ... | 0·75 | ... | ... | 0·75 | |
| Gurdaspur. | Aliwál C ... | 17th August ... | ... | ... | 0·20 | ... | ... | 0·20 | 0·10 | 0·50 | |
| | Batála ... | 16th Do. ... | ... | 0·13 | ... | ... | 0·08 | ... | ... | 0·21 | |
| | Kaler C ... | 14th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C ... | 15th Do. ... | ... | ... | ... | 0·10 | ... | 0·20 | ... | 0·30 | |
| | Gurdáspur s | 16th Do. ... | ... | 0·30 | ... | ... | 0·32 | ... | ... | 0·62 | |
| | Bhímpur C ... | 17th Do. ... | ... | ... | 0·40 | ... | 0·05 | ... | ... | 0·45 | |
| | Patháukot ... | Ditto ... | ... | 1·00 | ... | ... | 1·10 | ... | ... | 2·10 | |
| | Dalhousie s | Ditto ... | 1·00 | 0·46 | 1·04 | ... | ... | 0·78 | ... | 3·28 | |
| | Mádhopur C b | Ditto ... | 3·85 | 0·65 | 0·30 | ... | 0·30 | 0·45 | ... | 5·55 | |
| | Shakargarh ... | 16th August ... | 0·06 | 0·68 | ... | ... | 0·52 | ... | ... | 1·26 | |
| Sialkot. | Zafarwál ... | 16th August ... | 1·32 | ... | 2·20 | ... | ... | 0·55 | ... | 4·07 | |
| | Pasrúr ... | 17th Do. ... | 2·75 | ... | 1·50 | ... | 0·32 | 0·36 | ... | 4·93 | |
| | Raya ... | Ditto ... | ... | ... | 0·63 | ... | ... | 0·70 | ... | 1·33 | |
| | Daska ... | 16th August ... | 1·30 | 0·30 | 0·40 | ... | 0·50 | 1·00 | ... | 3·50 | |
| | Siálkot s | 14th Do. ... | 0·94 | 0·24 | 2·50 | ... | 0·25 | 0·55 | ... | 4·48 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. Month of August 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 18th. | Tuesday 19th. | Wednesday 20th. | Thursday 21st. | Friday 22nd. | Saturday 23rd. | Sunday 24th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 16th August | 0·78 | 1·38 | 0·51 | ... | 0·71 | 1·62 | ... | 5·00 | |
| | Gujrát | Ditto | 0·90 | 1·72 | 0·18 | ... | 0·50 | 1·60 | ... | 4·90 | |
| | Khárián | Ditto | 0·03 | 1·87 | 0·22 | ... | 1·30 | 0·78 | ... | 4·20 | |
| | Phália | 5th August | 0·85 | ... | ... | ... | ... | 0·70 | ... | 1·55 | |
| GUJRANWALA. | Rámnagar | 17th August | ... | ... | ... | ... | 1·01 | ... | ... | 1·01 | Condition of Kharif crops good. Rabi ploughings in progress. A swarm of locusts passed through Gujránwála and Háfizabad Tahsíls, leaving some young ones, which injured the crops to some extent. Green fodder sufficient. Prices steady. |
| | Wazirabad | Ditto | ... | ... | 0·15 | ... | 2·35 | ... | ... | 2·50 | |
| | Sadr Kacheri s | Ditto | ... | 0·40 | ... | ... | 0·72 | ... | ... | 1·12 | |
| | Shekhupura | 13th August | ... | 0·20 | ... | ... | 1·00 | ... | ... | 1·20 | |
| | Háfizabad | 10th Do. | ... | ... | ... | ... | 1·80 | ... | ... | 1·80 | |
| | Meluána C | 11th Do. | ... | ... | ... | ... | ... | 1·20 | ... | 1·20 | |
| | Shahkot C | 9th Do. | ... | ... | ... | ... | ... | 1·70 | ... | 1·70 | |
| SHAHPUR. | Midh s | 6th August | ... | ... | ... | ... | ... | ... | ... | ... | Statt. not received. |
| | Sahiwál | 25th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 4th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 11th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 10th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | 26th July | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 17th August | ... | 0·04 | ... | 0·76 | 0·37 | ... | ... | 1·17 | |
| | Sadr Station s | 16th Do. | 0·45 | 1·80 | ... | ... | 1·14 | 0·20 | ... | 3·59 | |
| | Chakwál | 17th Do. | 3·11 | ... | ... | 1·34 | 0·43 | 0·29 | ... | 5·17 | |
| | Talagang | 11th Do. | 0·17 | ... | 0·29 | 1·75 | 0·94 | 0·05 | ... | 3·20 | |
| RAWALPINDI. | Pindigheb | 17th August | 0·64 | ... | ... | 1·87 | ... | ... | ... | 2·51 | |
| | Fatahjang | Ditto | ... | ... | ... | 0·80 | 1·20 | ... | ... | 2·00 | |
| | Attock | 10th August | 0·10 | 1·00 | 0·50 | 0·20 | 0·30 | ... | ... | 2·10 | |
| | Ráwalpindi s | 17th Do. | 1·80 | ... | 1·25 | 0·57 | ... | ... | ... | 3·62 | |
| | Gujar Khan | Ditto | 1·98 | ... | ... | 0·95 | 0·09 | ... | ... | 3·02 | |
| | Kahuta | 15th August | 0·56 | ... | 0·48 | 0·75 | ... | ... | ... | 1·79 | |
| | Murree s | 17th Do. | 0·20 | 0·60 | ... | 0·50 | ... | ... | ... | 1·30 | |
| HAZARA. | Abbott-abad s | 17th August | 0·20 | 0·08 | R. | 0·20 | 0·89 | 0·03 | 0·57 | 1·97 | |
| | Mansáhra | Ditto | 1·70 | 0·38 | 0·07 | 0·20 | 1·09 | 0·03 | 0·14 | 3·61 | |
| | Haripur | Ditto | 0·10 | 1·80 | ... | ... | 0·60 | ... | ... | 2·50 | |
| PESHAWAR. | Sawábi | 17th August | 0·11 | 0·79 | ... | 0·02 | 0·64 | ... | ... | 1·56 | |
| | Lahore (Utman Bolak) | 16th Do. | 2·50 | ... | ... | 0·12 | 1·38 | ... | ... | 4·00 | |
| | Nowshera | 9th Do. | 0·28 | ... | ... | 0·48 | 0·02 | ... | ... | 0·78 | |
| | Mardán s | 10th Do. | ... | 0·02 | ... | 0·70 | 0·46 | ... | ... | 1·18 | |
| | Katlang | 15th Do. | 1·85 | ... | ... | ... | ... | ... | ... | 1·85 | |
| | Hashtnagar | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | Ditto | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Peshawar s | Ditto | ... | ... | ... | ... | 0·19 | 0·01 | ... | 0·20 | |
| KOHAT. | Kohát s | 16th August | 0·31 | ... | T.0·10 | T.2·26 | T.0·17 | ... | ... | 2·84 | |
| | Hangu | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 7th August | 0·20 | ... | ... | 0·50 | 1·50 | ... | ... | 2·20 | |
| | Karak | 11th Do. | 0·42 | ... | 0·92 | 0·52 | 0·55 | ... | ... | 2·41 | |
| BANNU. | Miánwáli | 1st August | ... | ... | ... | 0·06 | ... | ... | ... | 0·06 | Locusts have damaged the crops slightly. |
| | Isa Khel | 6th Do. | ... | ... | ... | 0·83 | 0·04 | 0·15 | ... | 1·02 | |
| | Bannu s | 10th Do. | ... | ... | ... | ... | 0·55 | ... | ... | 0·55 | |
| | Marwat | 11th Do. | ... | ... | 0·18 | 0·32 | 0·07 | ... | ... | 0·57 | |
| DERA ISMAIL KHAN. | Tánk | 6th August | ... | ... | ... | 0·75 | ... | ... | ... | 0·75 | |
| | Kuláchi | Ditto | ... | ... | ... | 0·13 | 0·04 | ... | ... | 0·17 | |
| | D. I. Khan s | 27th July | ... | ... | ... | ... | ... | 0·21 | ... | 0·21 | |
| | Bhakkar | 11th August | ... | ... | ... | ... | 0·20 | 0·47 | ... | 0·67 | |
| | Leiah | 13th Do. | ... | ... | ... | ... | ... | 0·43 | ... | 0·43 | |
| DERA GHAZI KHAN. | Sangarh | 29th July | ... | ... | ... | ... | ... | 0·34 | ... | 0·34 | |
| | Dera Gházi Khan s | 12th August | ... | ... | ... | ... | 0·46 | ... | ... | 0·46 | |
| | Fort Munro s | Ditto | ... | ... | 0·33 | ... | R. | 0·11 | ... | 0·44 | |
| | Jampur | Ditto | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Rájanpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 11th August | ... | ... | ... | ... | R. | ... | ... | ... | |
| | Muzaffargarh s | Ditto | ... | ... | ... | ... | 0·48 | ... | ... | 0·48 | |
| | Sinánwán | Ditto | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |

PESTONJI, *Supdt.*,
*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 13th April 1890.*

Against Naushahra (Shahpur District) omit from columns 10 and 11, 0·04.
Against Khushab (Shahpur District) omit from columns 9 and 11, 0·10, and insert in columns 10 and 11, 0·04.
Against Shahpur (Shahpur District) *read* in columns 9 and 11, 0·1[illegible]
Against Bh[illegible]

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 9th AUGUST 1890.

| No. | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar | Hissar ... | 14,167 | 6 | 3 | 9 | 4 | 1 | 3 | ... | ... | ... | ... | ... | 4 | 1 | 2 | 3 | 33 | 15 |
| 2 | Hissar | Hansi ... | 12,656 | 8 | 6 | 14 | 13 | 5 | 8 | ... | ... | 6 | 6 | ... | 1 | 1 | ... | 1 | 58 | 54 |
| 3 | Hissar | Bhiwani ... | 33,762 | 18 | 16 | 34 | 27 | 11 | 16 | ... | ... | 5 | 3 | ... | 19 | 5 | 5 | 10 | 53 | 42 |
| 4 | Hissar | Sirsa ... | 12,292 | 7 | 7 | 14 | 10 | 7 | 3 | ... | ... | 4 | 1 | ... | 5 | 5 | 1 | 6 | 59 | 42 |
| 5 | Rohtak | Rohtak ... | 15,699 | 3 | 10 | 13 | 9 | 5 | 4 | ... | ... | 3 | 2 | ... | 4 | 2 | 1 | 3 | 43 | 30 |
| 6 | Rohtak | Jhajjar ... | 11,650 | 10 | 7 | 17 | 1 | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 76 | 4 |
| 7 | Gurgaon | Rewari ... | 24,445 | 11 | 10 | 21 | 10 | 3 | 7 | ... | ... | 4 | 5 | ... | 1 | ... | ... | ... | 45 | 21 |
| 8 | Gurgaon | Palwal ... | 10,635 | 6 | 6 | 12 | 10 | 6 | 4 | ... | ... | 4 | 1 | ... | 5 | 2 | 3 | 5 | 59 | 49 |
| 9 | Delhi | Delhi ... | 117,363 | 82 | 60 | 142 | 85 | 42 | 43 | ... | 1 | 33 | 9 | 2 | 40 | 13 | 15 | 28 | 63 | 38 |
| 10 | Delhi | " Suburbs ... | 52,882 | 18 | 30 | 48 | 21 | 12 | 9 | ... | ... | 14 | 2 | ... | 5 | 2 | ... | 2 | 47 | 21 |
| 11 | Delhi | Sonepat ... | 13,077 | 7 | 9 | 16 | 10 | 5 | 5 | 1 | ... | 3 | ... | 1 | 5 | 3 | 3 | 6 | 64 | 40 |
| 12 | Karnal | Karnal ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 13 | Karnal | Kaithal ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 14 | Karnal | Panipat ... | Returns not received. | | | | | | | | | | | | | | | | | |
| 15 | Umballa | Umballa ... | 26,777 | 14 | 8 | 22 | 24 | 17 | 7 | ... | 1 | 6 | 3 | ... | 14 | 7 | 2 | 9 | 43 | 47 |
| 16 | Umballa | Jagadhri ... | 12,300 | 9 | 2 | 11 | 12 | 6 | 6 | 1 | 1 | 5 | 1 | ... | 4 | 1 | 1 | 2 | 46 | 51 |
| 17 | Umballa | Shahabad ... | 10,218 | 2 | 3 | 5 | 17 | 9 | 8 | 6 | .. | 8 | ... | ... | 3 | 2 | 1 | 3 | 26 | 87 |
| 18 | Umballa | Sadhaura ... | 10,794 | 3 | 5 | 8 | 47 | 22 | 25 | 12 | ... | 10 | 12 | ... | 13 | 3 | 3 | 6 | 39 | 227 |
| 19 | Umballa | Rupar ... | 10,326 | 7 | 5 | 12 | 7 | 4 | 3 | ... | ... | 4 | 1 | ... | 2 | 3 | 1 | 4 | 61 | 35 |
| 20 | Hoshiarpur | Hoshiarpur ... | 13,263 | 4 | 1 | 5 | 10 | 6 | 4 | ... | ... | 4 | ... | ... | 6 | 3 | 1 | 4 | 20 | 39 |
| 21 | Hoshiarpur | Tanda and Urmar ... | 10,295 | 1 | 5 | 6 | 7 | 4 | 3 | ... | ... | 6 | ... | ... | 1 | 2 | ... | 2 | 30 | 35 |
| 22 | Jullundur | Jullundur ... | 31,177 | 19 | 26 | 45 | 29 | 9 | 20 | ... | ... | 5 | 6 | ... | 18 | 2 | 13 | 15 | 75 | 49 |
| 23 | Jullundur | " Suburbs ... | 11,474 | 7 | 7 | 14 | 8 | 3 | 5 | ... | ... | 5 | 2 | ... | 1 | 2 | 2 | 4 | 64 | 36 |
| 24 | Jullundur | Rahon ... | 11,736 | 2 | 4 | 6 | 6 | 2 | 4 | ... | ... | 6 | ... | ... | ... | ... | 3 | 3 | 2 | 27 |
| 25 | Ludhiana | Ludhiana ... | 44,163 | 22 | 18 | 40 | 23 | 11 | 12 | ... | ... | 19 | 1 | 1 | 2 | 3 | 1 | 4 | 47 | 27 |
| 26 | Ludhiana | Jagraon ... | 16,873 | 6 | 4 | 10 | 4 | 1 | 3 | ... | ... | 2 | 1 | ... | 1 | ... | ... | ... | 31 | 12 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 8 | 3 | 11 | 12 | 10 | 2 | ... | ... | 5 | 2 | ... | 5 | 4 | ... | 4 | 27 | 30 |
| 28 | Mooltan | Mooltan ... | 31,878 | 22 | 10 | 32 | 21 | 9 | 12 | ... | ... | 6 | 4 | ... | 11 | 3 | 7 | 10 | 52 | 34 |
| 29 | Mooltan | " Suburbs ... | 25,593 | 17 | 10 | 27 | 16 | 8 | 8 | ... | ... | 3 | 3 | ... | 10 | 3 | 5 | 8 | 55 | 33 |
| 30 | Jhang | Maghiana ... | 12,574 | 9 | 4 | 13 | 9 | 6 | 3 | ... | ... | 1 | 2 | ... | 6 | 5 | ... | 5 | 54 | 37 |
| 31 | Jhang | Chiniot ... | 11,[illegible]91 | 7 | 6 | 13 | 5 | 1 | 4 | ... | ... | 2 | 1 | ... | 2 | 1 | 1 | 2 | 61 | 23 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 52 | 44 | 96 | 73 | 42 | 31 | ... | ... | 37 | 5 | 5 | 26 | 11 | 9 | 20 | 51 | 39 |
| 33 | | " Suburbs ... | 41,670 | 5 | 6 | 11 | 25 | 19 | 6 | ... | ... | 9 | 3 | ... | 13 | 1 | ... | 1 | 14 | 31 |
| 34 | | Kasur ... | 17,336 | 8 | 6 | 14 | 7 | 4 | 3 | ... | ... | 2 | ... | ... | 5 | 1 | 2 | 3 | 42 | 21 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 60 | 54 | 114 | 110 | 50 | 60 | 1 | ... | 59 | 8 | 2 | 40 | 16 | 21 | 37 | 41 | 40 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 7 | 14 | 21 | 16 | 11 | 5 | ... | ... | 11 | ... | ... | 5 | 2 | 1 | 3 | 45 | 34 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 14 | 12 | 26 | 16 | 8 | 8 | ... | ... | 8 | ... | ... | 8 | 5 | 4 | 9 | 40 | 25 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 11 | 12 | 23 | 13 | 6 | 7 | ... | ... | 5 | 1 | ... | 7 | 3 | 2 | 5 | 64 | 36 |
| 39 | | Jalalpur ... | 12,839 | 3 | 4 | 7 | 4 | 3 | 1 | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | 28 | 16 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 12 | 13 | 25 | 20 | 8 | 12 | ... | ... | 6 | 4 | ... | 10 | 2 | 5 | 7 | 57 | 46 |
| 41 | | Wazirabad ... | 16,462 | 7 | 4 | 11 | 10 | 4 | 6 | ... | ... | 5 | 1 | ... | 4 | 2 | 1 | 3 | 35 | 32 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 9 | 7 | 16 | 4 | 2 | 2 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 55 | 14 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 5 | 1 | 6 | 8 | 6 | 2 | ... | ... | 6 | ... | ... | 2 | 2 | 2 | 4 | 19 | 25 |
| 44 | | Pind Dadan Khan ... | 16,724 | 3 | 4 | 7 | 4 | 2 | 2 | ... | ... | ... | 1 | ... | 3 | ... | 1 | 1 | 22 | 12 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 12 | 11 | 23 | 21 | 10 | 11 | ... | ... | 11 | 2 | ... | 8 | 3 | 6 | 9 | 43 | 39 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 24 | 45 | 43 | 27 | 16 | ... | 2 | 20 | 5 | 1 | 15 | 6 | 6 | 12 | 40 | 38 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 1 | 6 | 5 | 4 | 1 | ... | ... | 5 | ... | ... | ... | 1 | ... | 1 | 23 | 19 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 5 | 4 | 9 | 12 | 7 | 5 | ... | ... | 4 | 1 | ... | 7 | 2 | 1 | 3 | 25 | 33 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 4 | 2 | 6 | 7 | 4 | 3 | ... | ... | 5 | ... | ... | 2 | 1 | 1 | 2 | 16 | 19 |
| | Birth and death rate of London for the week ending 19th July 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·7 | 17·9 |
| | Grand Total ... | | 1,247,331 | 578 | 508 | 1086 | 855 | 442 | 413 | 21 | 5 | 372 | 100 | 12 | 345 | 136 | 134 | 270 | 45 | 36 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... | 12,305 | 1 | 1 | 2 | 18 | 15 | 3 | ... | 3 | 10 | ... | 3 | 2 | ... | ... | ... | 8 | 76 |
| | Dharmsala ... | ... | 3,839 | ... | 2 | 2 | 3 | 3 | ... | 1 | ... | 1 | ... | ... | 1 | 1 | ... | 1 | 27 | 41 |
| | Dalhousie ... | ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... | 2,489 | 1 | ... | 1 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | 1 | ... | 1 | 21 | 42 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 29th August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 9th August 1890.*

*General results.*—The return is incomplete, the registers for the district of Karnál and Police Station Nadaon in the Kángra District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 10,027 against 8,527 in the previous week and 8,622 in the corresponding week of the past year, giving, respectively, an annual death-rate of 28·8, 24·5 and 24·7 per 1,000 of population. The registered death-rate is 4·3 per 1,000 greater than it was last week, and is 4·6 per 1,000 greater than the average of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 104 deaths registered under the head of cholera against 89 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... ... | Rural Circles ... ... ... ... | 16 |
| Delhi ... ... ... | Sonepat Town ... ... ... ... | 1 |
| Do. ... ... ... | Balabgarh Town ... ... ... ... | 1 |
| Do. ... ... ... | Farídabad Town ... ... ... ... | 1 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 8 |
| Umballa ... ... ... | Jagádhri Town ... ... ... ... | 1 |
| Do. ... ... ... | Shahabad Town ... ... ... ... | 6 |
| Do. ... ... ... | Thánesar Town ... ... ... ... | 1 |
| Do. ... ... ... | Sadhaura Town ... ... ... ... | 12 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 1 |
| Kángra ... ... ... | Kángra Town ... ... ... ... | 6 |
| Do. ... ... ... | Dharmsála Sanitarium ... ... ... | 1 |
| Do. ... ... ... | Nadaon Town ... ... ... ... | 1 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 27 |
| Hoshiárpur ... ... ... | Rural Circle ... ... ... ... | 1 |
| Montgomery ... ... ... | Rural Circles ... ... ... ... | 2 |
| Lahore ... ... ... | Chunián Town ... ... ... ... | 3 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 14 |
| Amritsar ... ... ... | Amritsar Town ... ... ... ... | 1 |
| | Total ... | 104 |

*Small-pox.*—From small-pox 94 deaths were registered against 123 in the previous week and 83 in the corresponding week of the past year.

*Fevers.*—From fevers there were 6,827 deaths against 5,687 in the previous week and 5,697 in the corresponding week of the past year. There were 1,140 more deaths from fevers registered than in the previous week. The increased mortality from these causes occurred principally in the districts of Umballa, Jullundur, Amritsar, Siálkot, Gujrát, Gujránwála and Ráwalpindi.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 365 deaths against 258 in the previous week and 300 in the corresponding week of the past year registered under head of bowel complaints.

*Chest disease.*—Five hundred and two against 455 and 442.

*Snake-bite.*—Forty-seven against 35 and 49.

*Hydrophobia.*—One against 2 and 2.

*All other causes.*—Two thousand and eighty-seven against 1,878 in the previous week and 1,861 in the corresponding week of the past year.

*Infantile mortality.*—Two thousand seven hundred and sixty-six deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,427 were males and 1,339 females.

*Births and Deaths in Municipal Towns.*—In the 46 large municipal towns 855 deaths were registered (442 males and 413 females), giving a death-rate of 36 per mille of population; 1,086 births were registered (578 males and 508 females), giving a birth-rate of 45 per mille of population. The mortality of the municipal town of Sadhaura was at the enormous annual rate of 227 per 1,000. The principal causes of mortality in the town were cholera, dysentery, diarrhœa and fevers.

LAHORE :
*The 29th August 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

**MORTUARY RETURN FOR**

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | Cholera. Males. | Cholera. Females. | Cholera. Total. | Small-pox. Children under one year. Males. | Small-pox. Children under one year. Females. | Small-pox. One to under 12 years. Males. | Small-pox. One to under 12 years. Females. | Small-pox. Twelve and over 12 years. Males. | Small-pox. Twelve and over 12 years. Females. | Total of Small-pox. | Fevers. Males. | Fevers. Females. | Fevers. Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 672,569 | 2,099 | 1,571 | 37 | 28 | 4 | ... | 4 | 1 | ... | 13 | 7 | ... | 2 | 23 | 661 | 586 | 1,247 |
| 2 | Rohtak ... | 553,609 | 2,187 | 1,013 | 47 | 22 | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | 3 | 425 | 357 | 782 |
| 3 | Gurgaon ... | 641,848 | 2,690 | 1,353 | 49 | 25 | 72 | 33 | 105 | 3 | 5 | 10 | 8 | ... | ... | 26 | 456 | 351 | 807 |
| 4 | Delhi ... | 643,515 | 2,363 | 1,390 | 43 | 25 | 20 | 16 | 36 | 1 | 2 | 3 | 1 | ... | ... | 7 | 441 | 378 | 819 |
| 5 | Karnál ... | 645,298 | 2,593 | 1,723 | 47 | 31 | 5 | 2 | 7 | 22 | 19 | 53 | 41 | 2 | 1 | 138 | 569 | 456 | 1,025 |
| 6 | Umballa ... | 1,032,665 | 2,337 | 1,967 | 27 | 22 | 34 | 17 | 51 | 26 | 14 | 61 | 39 | 4 | 7 | 151 | 724 | 575 | 1,299 |
| 7 | Simla ... | 42,945 | 50 | 84 | 14 | 23 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | 3 | 19 | 18 | 37 |
| 8 | Kángra ... | 730,845 | 1,981 | 1,792 | 32 | 29 | 68 | 37 | 105 | ... | ... | ... | ... | 1 | ... | 1 | 574 | 596 | 1,170 |
| 9 | Hoshiárpur | 901,381 | 2,392 | 1,713 | 31 | 22 | 11 | 5 | 16 | ... | ... | 6 | 1 | ... | 1 | 8 | 603 | 596 | 1,199 |
| 10 | Jullundur ... | 789,555 | 3,161 | 1,738 | 47 | 26 | ... | ... | ... | 1 | ... | 4 | 2 | ... | 1 | 8 | 595 | 575 | 1,170 |
| 11 | Ludhiána ... | 618,835 | 1,985 | 1,233 | 38 | 23 | ... | ... | ... | 3 | 3 | 8 | 11 | ... | ... | 25 | 451 | 414 | 865 |
| 12 | Ferozepore | 747,329 | 2,475 | 1,570 | 39 | 25 | ... | ... | ... | 9 | 2 | 13 | 13 | 1 | 1 | 39 | 526 | 473 | 999 |
| 13 | Mooltan ... | 551,964 | 1,697 | 950 | 36 | 20 | 8 | 3 | 11 | ... | ... | ... | 1 | ... | ... | 1 | 327 | 275 | 602 |
| 14 | Jhang ... | 395,296 | 1,452 | 595 | 43 | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 151 | 125 | 276 |
| 15 | Montgomery | 426,529 | 1,398 | 651 | 39 | 18 | ... | 3 | 3 | 4 | 2 | 8 | 6 | 3 | 3 | 26 | 200 | 143 | 343 |
| 16 | Lahore ... | 924,106 | 2,909 | 2,152 | 37 | 27 | 30 | 27 | 57 | 6 | 8 | 15 | 11 | 1 | 5 | 46 | 715 | 607 | 1,322 |
| 17 | Amritsar ... | 893,266 | 3,176 | 2,557 | 42 | 34 | 3 | ... | 3 | 5 | 3 | 8 | 11 | 2 | 1 | 30 | 850 | 779 | 1,629 |
| 18 | Gurdáspur | 823,695 | 2,678 | 2,493 | 38 | 36 | 2 | ... | 2 | 6 | 4 | 12 | 16 | 3 | 4 | 45 | 871 | 821 | 1,692 |
| 19 | Siálkot ... | 1,012,148 | 3,811 | 2,990 | 44 | 35 | ... | ... | ... | 19 | 10 | 52 | 64 | 2 | 4 | 151 | 936 | 890 | 1,826 |
| 20 | Gujrát ... | 689,115 | 2,216 | 1,533 | 38 | 26 | ... | ... | ... | 5 | 6 | 9 | 10 | ... | ... | 30 | 525 | 512 | 1,037 |
| 21 | Gujránwála | 616,892 | 2,122 | 1,933 | 41 | 37 | ... | ... | ... | 1 | 1 | 3 | 1 | ... | ... | 6 | 748 | 683 | 1,431 |
| 22 | Shahpur ... | 421,508 | 1,501 | 697 | 42 | 19 | ... | ... | ... | ... | 1 | 3 | 3 | ... | ... | 7 | 202 | 209 | 411 |
| 23 | Jhelum ... | 589,373 | 1,116 | 1,151 | 22 | 23 | ... | ... | ... | 1 | 1 | 2 | 3 | 1 | 1 | 9 | 428 | 393 | 821 |
| 24 | Ráwalpindi | 820,512 | 1,462 | 1,649 | 21 | 24 | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | 3 | 708 | 623 | 1,331 |
| 25 | Hazára ... | 407,075 | 823 | 678 | 24 | 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 268 | 282 | 550 |
| 26 | Peshávar ... | 592,674 | 685 | 638 | 14 | 13 | ... | ... | ... | 1 | 1 | 12 | 10 | 1 | ... | 25 | 269 | 237 | 506 |
| 27 | Kohát ... | 181,540 | 292 | 234 | 19 | 15 | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | 3 | 97 | 106 | 203 |
| 28 | Bannu ... | 332,577 | 395 | 515 | 14 | 18 | ... | ... | ... | ... | ... | ... | 3 | ... | ... | 3 | 253 | 201 | 454 |
| 29 | D. I. Khan | 441,649 | 686 | 813 | 18 | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 396 | 285 | 681 |
| 30 | D. G. Khan | 363,346 | 639 | 345 | 21 | 11 | ... | ... | ... | 1 | 1 | 3 | ... | 3 | 2 | 10 | 160 | 132 | 292 |
| 31 | Muzaffargarh | 338,605 | 824 | 491 | 29 | 17 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 2 | 267 | 178 | 445 |
| | TOTAL ... | 18,842,264 | 56,195 | 40,212 | 35 | 25 | 257 | 143 | 400 | 116 | 84 | 306 | 264 | 25 | 34 | 829 | 14,415 | 12,856 | 27,271 |
| | Total in previous month ... | ... | 49,48[illegible] | 54,13[illegible] | 32 | 35 | 406 | 255 | 661 | 170 | 134 | 560 | 467 | 99 | 95 | 1,525 | 21,379 | 18,175 | 39,554 |
| | Total in same month of past year ... | ... | 58,814 | 37,457 | 37 | 23 | 282 | 169 | 451 | 94 | 72 | 183 | 167 | 34 | 31 | 581 | 13,055 | 11,936 | 24,991 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 28th August* 1890.

THE MONTH OF JULY 1890.

*the Punjab during the month of July 1890.*

OF DEATH.

| Dysentery and Diarrhœa. | | | Injuries. Suicide. | | | Injuries. Wounding. | | | Injuries. Accidents. | | | Injuries. Snake-bite and killed by wild beasts. | | | All other causes. | | | Total deaths from all causes. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 19 | 15 | 34 | ... | ... | ... | ... | ... | ... | 11 | 9 | 20 | 7 | 5 | 12 | 142 | 89 | 231 | 858 | 713 | 1,571 |
| 4 | 9 | 13 | ... | ... | ... | ... | ... | ... | 7 | 5 | 12 | 2 | 2 | 4 | 120 | 79 | 199 | 560 | 453 | 1,013 |
| 23 | 35 | 58 | ... | 2 | 2 | ... | ... | ... | 8 | 6 | 14 | 5 | 5 | 10 | 176 | 155 | 331 | 753 | 600 | 1,353 |
| 25 | 33 | 58 | ... | 1 | 1 | 1 | ... | 1 | 7 | 12 | 19 | 10 | 1 | 11 | 244 | 194 | 438 | 752 | 638 | 1,390 |
| 39 | 26 | 65 | ... | ... | ... | ... | ... | ... | 12 | 5 | 17 | 9 | 3 | 12 | 265 | 194 | 459 | 976 | 747 | 1,723 |
| 37 | 25 | 62 | 1 | 1 | 2 | ... | ... | ... | 21 | 8 | 29 | 4 | 7 | 11 | 190 | 172 | 362 | 1,102 | 865 | 1,967 |
| 12 | 8 | 20 | 2 | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | 13 | 22 | 44 | 40 | 84 |
| 65 | 42 | 107 | 1 | ... | 1 | ... | ... | ... | 16 | 10 | 26 | 3 | 5 | 8 | 198 | 176 | 374 | 926 | 866 | 1,792 |
| 23 | 23 | 46 | 2 | 4 | 6 | ... | ... | ... | 15 | 4 | 19 | 5 | 5 | 10 | 207 | 202 | 409 | 872 | 841 | 1,713 |
| 22 | 22 | 44 | 1 | 2 | 3 | ... | ... | ... | 13 | 6 | 19 | 3 | ... | 3 | 243 | 248 | 491 | 882 | 856 | 1,738 |
| 9 | 4 | 13 | ... | 1 | 1 | 2 | ... | 2 | 8 | 1 | 9 | 1 | ... | 1 | 157 | 160 | 317 | 639 | 594 | 1,233 |
| 24 | 13 | 37 | ... | ... | ... | 2 | 1 | 3 | 9 | 5 | 14 | 2 | 3 | 5 | 246 | 227 | 473 | 832 | 738 | 1,570 |
| 9 | 18 | 27 | ... | ... | ... | ... | 1 | 1 | 11 | 11 | 22 | 8 | 5 | 13 | 135 | 138 | 273 | 498 | 452 | 950 |
| 9 | 3 | 12 | ... | ... | ... | ... | ... | ... | 4 | 9 | 13 | 14 | 4 | 18 | 139 | 137 | 276 | 317 | 278 | 595 |
| 3 | ... | 3 | ... | ... | ... | 1 | ... | 1 | 8 | 8 | 16 | 7 | 2 | 9 | 135 | 115 | 250 | 369 | 282 | 651 |
| 27 | 13 | 40 | 3 | ... | 3 | 4 | ... | 4 | 31 | 18 | 49 | 18 | 6 | 24 | 316 | 291 | 607 | 1,166 | 986 | 2,152 |
| 37 | 24 | 61 | 3 | ... | 3 | 2 | ... | 2 | 22 | 5 | 27 | 2 | 2 | 4 | 408 | 390 | 798 | 1,342 | 1,215 | 2,557 |
| 39 | 28 | 67 | 1 | 2 | 3 | ... | ... | ... | 12 | 16 | 28 | 2 | 3 | 5 | 351 | 300 | 651 | 1,299 | 1,194 | 2,493 |
| 54 | 26 | 80 | ... | 2 | 2 | ... | ... | ... | 32 | 13 | 45 | 10 | ... | 10 | 486 | 390 | 876 | 1,591 | 1,399 | 2,990 |
| 15 | 4 | 19 | 1 | 3 | 4 | ... | ... | ... | 16 | 14 | 30 | 5 | 4 | 9 | 242 | 162 | 404 | 818 | 715 | 1,533 |
| 19 | 14 | 33 | ... | 2 | 2 | ... | 1 | 1 | 26 | 15 | 41 | 19 | 1 | 20 | 233 | 166 | 399 | 1,049 | 884 | 1,933 |
| 8 | 5 | 13 | ... | ... | ... | 1 | ... | 1 | 6 | 4 | 10 | 6 | 3 | 9 | 145 | 101 | 246 | 371 | 326 | 697 |
| 23 | 14 | 37 | 1 | ... | 1 | 2 | ... | 2 | 11 | 10 | 21 | 2 | 2 | 4 | 132 | 124 | 256 | 603 | 548 | 1,151 |
| 10 | 7 | 17 | ... | ... | ... | 1 | 1 | 2 | 19 | 8 | 27 | 6 | 3 | 9 | 131 | 129 | 260 | 877 | 772 | 1,649 |
| 9 | 5 | 14 | ... | ... | ... | ... | 1 | 1 | 9 | 2 | 11 | ... | ... | ... | 51 | 51 | 102 | 337 | 341 | 678 |
| 2 | ... | 2 | ... | ... | ... | 4 | ... | 4 | 5 | 4 | 9 | 2 | 1 | 3 | 56 | 33 | 89 | 352 | 286 | 638 |
| 4 | ... | 4 | ... | 1 | 1 | 1 | ... | 1 | ... | 1 | 1 | ... | ... | ... | 12 | 9 | 21 | 116 | 118 | 234 |
| 5 | 6 | 11 | ... | 1 | 1 | 2 | 2 | 4 | 1 | 1 | 2 | 2 | 1 | 3 | 24 | 13 | 37 | 287 | 228 | 515 |
| 5 | 3 | 8 | ... | ... | ... | 1 | ... | 1 | 8 | 6 | 14 | 5 | 1 | 6 | 70 | 33 | 103 | 485 | 328 | 813 |
| 1 | 3 | 4 | ... | ... | ... | ... | ... | ... | 2 | 1 | 3 | 3 | 1 | 4 | 18 | 14 | 32 | 191 | 154 | 345 |
| 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 9 | 6 | 15 | 6 | 2 | 8 | 12 | 8 | 20 | 297 | 194 | 491 |
| 582 | 428 | 1010 | 16 | 22 | 38 | 24 | 7 | 31 | 359 | 223 | 582 | 168 | 77 | 245 | 5,293 | 4,513 | 9,806 | 21,561 | 18,651 | 40,212 |
| 541 | 397 | 938 | 16 | 27 | 43 | 36 | 7 | 43 | 301 | 197 | 498 | 83 | 40 | 123 | 5,969 | 4,777 | 10,746 | 29,560 | 24,571 | 54,131 |
| 783 | 569 | 1352 | 11 | 22 | 33 | 25 | 12 | 37 | 474 | 333 | 807 | 156 | 66 | 222 | 4,776 | 4,207 | 8,983 | 19,873 | 17,584 | 37,457 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Fifty-six thousand one hundred and ninety-five births were registered in the Province during the month of July 1890, giving a birth-rate of 35 per mille of population. Of the total number of births, 29,996 were boys and 26,199 were girls.

The total number of deaths registered from all causes in the Province during the month of July 1890 was 40,212 against 54,131 in the previous month and 37,457 in the corresponding month of the past year, giving an annual death-rate of 25, 35 and 23 per mille of population per annum respectively.

There were 400 deaths registered under the head of cholera.

From small-pox 829 deaths were registered against 1,525 in the previous month and 581 in the corresponding month of the past year; fevers 27,271 against 39,554 and 24,991. There were 12,283 fewer deaths registered from fever than in the previous month. The average number of fever deaths registered during the corresponding month of the five years 1885—1889 was 24,982, or 2,289 less than the number registered during the month under review. There were 1,010 deaths registered under dysentery and diarrhœa against 938 in the previous month and 1,352 under bowel complaints in the corresponding month of the past year.

During the month there were 38 deaths registered from suicide against 43 in the past month; wounding 31 against 43; accidents 582 against 498; snake-bite and killed by wild beasts 245 against 123; and from all other causes 9,806 against 10,746 and 8,983 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 28th August 1890.*

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of July* 1890.

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 855 | 704 | 1,559 | 294 | 246 | 540 | ... | ... | ... | 1,149 | 950 | 2,099 | 37 |
| 2 | Rohtak ... | ... | ... | ... | 1,014 | 904 | 1,918 | 143 | 126 | 269 | ... | ... | ... | 1,157 | 1,030 | 2,187 | 47 |
| 3 | Gurgaon ... | ... | ... | ... | 914 | 813 | 1,727 | 505 | 458 | 963 | ... | ... | ... | 1,419 | 1,271 | 2,690 | 49 |
| 4 | Delhi ... | ... | 1 | 1 | 1,004 | 828 | 1,832 | 291 | 239 | 530 | ... | ... | ... | 1,295 | 1,068 | 2,363 | 43 |
| 5 | Karnál ... | ... | ... | ... | 1,048 | 915 | 1,963 | 335 | 295 | 630 | ... | ... | ... | 1,383 | 1,210 | 2,593 | 47 |
| 6 | Umballa ... | ... | ... | ... | 906 | 736 | 1,642 | 380 | 315 | 695 | ... | ... | ... | 1,286 | 1,051 | 2,337 | 27 |
| 7 | Simla ... | ... | ... | ... | 21 | 16 | 37 | 6 | 7 | 13 | ... | ... | ... | 27 | 23 | 50 | 14 |
| 8 | Kángra ... | ... | ... | ... | 957 | 926 | 1,883 | 44 | 54 | 98 | ... | ... | ... | 1,001 | 980 | 1,981 | 32 |
| 9 | Hoshiárpur ... | ... | ... | ... | 804 | 718 | 1,522 | 438 | 432 | 870 | ... | ... | ... | 1,242 | 1,150 | 2,392 | 31 |
| 10 | Jullundur ... | ... | ... | ... | 805 | 768 | 1,573 | 818 | 770 | 1,588 | ... | ... | ... | 1,623 | 1,538 | 3,161 | 47 |
| 11 | Ludhiána ... | ... | ... | ... | 668 | 596 | 1,264 | 373 | 348 | 721 | ... | ... | ... | 1,041 | 944 | 1,985 | 38 |
| 12 | Ferozepore ... | ... | ... | ... | 684 | 582 | 1,266 | 647 | 562 | 1,209 | ... | ... | ... | 1,331 | 1,144 | 2,475 | 39 |
| 13 | Mooltan ... | ... | ... | ... | 174 | 144 | 318 | 736 | 643 | 1,379 | ... | ... | ... | 910 | 787 | 1,697 | 36 |
| 14 | Jhang ... | 1 | ... | 1 | 142 | 130 | 272 | 618 | 561 | 1,179 | ... | ... | ... | 761 | 691 | 1,452 | 43 |
| 15 | Montgomery ... | ... | ... | ... | 181 | 166 | 347 | 541 | 510 | 1,051 | ... | ... | ... | 722 | 676 | 1,398 | 39 |
| 16 | Lahore ... | ... | 1 | 1 | 432 | 366 | 798 | 1,161 | 949 | 2,110 | ... | ... | ... | 1,593 | 1,316 | 2,909 | 37 |
| 17 | Amritsar ... | 1 | ... | 1 | 895 | 733 | 1,628 | 812 | 735 | 1,547 | ... | ... | ... | 1,708 | 1,468 | 3,176 | 42 |
| 18 | Gurdáspur ... | 2 | 2 | 4 | 715 | 582 | 1,297 | 720 | 657 | 1,377 | ... | ... | ... | 1,437 | 1,241 | 2,678 | 38 |
| 19 | Siálkot ... | 5 | 4 | 9 | 606 | 536 | 1,142 | 1,361 | 1,299 | 2,660 | ... | ... | ... | 1,972 | 1,839 | 3,811 | 44 |
| 20 | Gujrát ... | ... | ... | ... | 125 | 111 | 236 | 1,054 | 924 | 1,978 | 2 | ... | 2 | 1,181 | 1,035 | 2,216 | 38 |
| 21 | Gujránwála ... | ... | ... | ... | 278 | 246 | 524 | 844 | 754 | 1,598 | ... | ... | ... | 1,122 | 1,000 | 2,122 | 41 |
| 22 | Shahpur ... | ... | ... | ... | 115 | 94 | 209 | 667 | 625 | 1,292 | ... | ... | ... | 782 | 719 | 1,501 | 42 |
| 23 | Jhelum ... | ... | ... | ... | 75 | 54 | 129 | 510 | 477 | 987 | ... | ... | ... | 585 | 531 | 1,116 | 22 |
| 24 | Ráwalpindi ... | ... | ... | ... | 79 | 62 | 141 | 665 | 655 | 1,320 | 1 | ... | 1 | 745 | 717 | 1,462 | 21 |
| 25 | Hazára ... | ... | ... | ... | 15 | 20 | 35 | 425 | 363 | 788 | ... | ... | ... | 440 | 383 | 823 | 24 |
| 26 | Peshávar ... | ... | ... | ... | 23 | 12 | 35 | 415 | 233 | 648 | ... | 2 | 2 | 438 | 247 | 685 | 14 |
| 27 | Kohát ... | ... | ... | ... | 8 | 4 | 12 | 172 | 108 | 280 | ... | ... | ... | 180 | 112 | 292 | 19 |
| 28 | Bannu ... | ... | ... | ... | 14 | 9 | 23 | 205 | 167 | 372 | ... | ... | ... | 219 | 176 | 395 | 14 |
| 29 | Dera Ismail Khan | ... | ... | ... | 71 | 57 | 128 | 323 | 235 | 558 | ... | ... | ... | 394 | 292 | 686 | 18 |
| 30 | Dera Ghási Khan | ... | ... | ... | 51 | 52 | 103 | 317 | 211 | 528 | 5 | 3 | 8 | 373 | 266 | 639 | 21 |
| 31 | Muzaffargarh ... | ... | ... | ... | 59 | 46 | 105 | 418 | 297 | 715 | 3 | 1 | 4 | 480 | 344 | 824 | 29 |
| | Total ... | 9 | 8 | 17 | 13,738 | 11,930 | 25,668 | 16,238 | 14,255 | 30,493 | 11 | 6 | 17 | 29,996 | 26,199 | 56,195 | 35 |

Sanitary Commissioner's Office, Lahore:
*The 28th August* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore.—4-9-90—690.

No. 37 of 1890

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

*Published by Authority.*

LAHORE, THURSDAY, SEPTEMBER 11, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 9th SEPTEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Sufficient. | Rising. | Crops suffering from want of rain. | ... |
| 2 | Delhi ... | ... | ... | Do. | Rain wanted. Strong west wind blowing. | Ploughings in progress. |
| 3 | Umballa ... | ... | ... | Do. | Harvesting commenced. | ... |
| 4 | Jullundur ... | ... | Insufficient. | Do. | Rain much wanted. Condition of crops average. | Ploughings in progress. |
| 5 | Ferozepore ... | ... | Ample. | Stationary. | Youngs of locusts destroyed as soon as hatched. | ... |
| 6 | Amritsar ... | ... | Sufficient. | Do. | Crops in good condition, but rain is wanted. | ... |
| 7 | Siálkot ... | Some rainfall throughout. | Abundant. | Do. | Prospects good. Swánk and kangní being cut. | Ploughings in progress. |
| 8 | Lahore ... | ... | Sufficient. | Do. | Prospects of standing crops good. | Ploughings in progress. Rain wanted for sarson and gram sowings on high lands. |
| 9 | Mooltan ... | ... | ... | Do. | Crops fair. Chenab and Sutlej Canals fallen. Little water in Sidhnai. | ... |
| 10 | Ráwalpindi ... | ... | Sufficient. | Falling. | Prospects average. | ... |
| 11 | Shahpur ... | Partial rainfall in Bhera and Khusháb. | Do. | Stationary. | Crops in fair condition. Makki is being sown. | Gram and turnips being sown. |
| 12 | D. I. Khan ... | ... | Do. | Do. | Condition of crops good. | ... |
| 13 | Peshàwar ... | ... | Do. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Slight rain has fallen in Siálkot and Shahpur only. Prices rising in Hissar, Delhi, Umballa and Jullundur; falling in Ráwalpindi; stationary elsewhere. Harvestings of khraif crops commenced. Ploughings in progress. Condition of crops is reported good to average. Crops suffering for want of rain in Hissar. More rain wanted in Delhi, Jullundur and Amritsar. Youngs of locusts destroyed as soon as hatched in Ferozepore. Fodder insufficient in Jullundur, ample in Ferozepore, abundant in Siálkot, and sufficient elsewhere.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 10th August 1890.* | | | | | | | | |
| | | | Monday 4th. | Tuesday 5th. | Wednesday 6th. | Thursday 7th. | Friday 8th. | Saturday 9th. | Sunday 10th. | | |
| Muzaffargarh. | Sinanwan ... | 26th July ... | ... | 1·25 | ... | ... | ... | ... | 0·09 | 1·34 | |
| | | | *Week ending 24th August 1890.* | | | | | | | | |
| | | | Monday 18th. | Tuesday 19th. | Wednesday 20th. | Thursday 21st. | Friday 22nd. | Saturday 23rd. | Sunday 24th. | | |
| Simla. | Kilba *s* | 17th August .. | ... | 0·03 | 0·07 | 0·04 | ... | ... | ... | 0·14 | |
| Shahpur. | Midh ... | 6th August ... | 0·30 | ... | ... | ... | ... | 2·50 | ... | 2·80 | |
| | Sahiwál ... | 25th July ... | ... | ... | ... | ... | 0·91 | ... | ... | 0·91 | |
| | Núrpur ... | 4th August ... | .. | ... | ... | ... | 1·00 | ... | ... | 1·00 | |
| | Mitha Tiwána ... | 11th July ... | ... | 0·17 | ... | ... | 2·12 | ... | ... | 2 29 | |
| | Sakesar ... | 10th August ... | ... | 3·20 | 0·10 | ... | ... | ... | ... | 3·30 | |
| | Naushahra ... | 15th Do. ... | ... | 0·04 | ... | 0·02 | 0 20 | ... | ... | 0·26 | |
| | Khushab ... | 26th July ... | ... | ... | ... | ... | 1·09 | ... | ... | 1·09 | |
| | Shahpur ... | 12th August ... | ... | 0·21 | ... | ... | 1·57 | ... | ... | 1·78 | |
| | Bhera ... | 11th Do. ... | ... | ... | ... | 0·32 | 0·75 | ... | ... | 1·07 | |
| | Miana ... | 17th Do. ... | ... | 0·51 | ... | ... | 0·80 | 1·10 | ... | 2·41 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 31st AUGUST 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of August* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 25th. | Tuesday 26th. | Wednesday 27th. | Thursday 28th. | Friday 29th. | Saturday 30th. | Sunday 31st. | Total. | Special Remarks. |
| Hissar. | Sirsa | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar | 5th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | 17th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli | 20th August | ... | ... | 0·25 | ... | 0·09 | 0·07 | ... | 0·41 | |
| | Barauli | Ditto | ... | ... | ... | ... | 0·12 | ... | ... | 0·12 | |
| | Simla | 22nd August | ... | ... | ... | ... | 0·25 | 0·20 | 0·26 | 0·71 | |
| | Kot Khái | 18th Do. | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| | Kilba | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| Kangra. | Plách | 21st August | ... | 0·07 | 0·24 | 0·04 | 0·90 | 0·08 | ... | 1·33 | |
| | Kulu | 19th Do. | ... | ... | ... | ... | ... | 0·05 | ... | 0·05 | |
| | Nagar | 21st Do. | ... | ... | ... | 0·10 | 0·10 | ... | ... | 0·20 | |
| | Pálampur | 22nd Do. | ... | ... | 0·43 | 0·49 | 0·49 | 0·36 | 4·42 | 6·19 | |
| | Hamírpur | 20th Do. | ... | ... | ... | ... | ... | R. | 0·60 | 0·60 | |
| | Dera | 21st Do. | ... | ... | ... | ... | ... | ... | 0·31 | 0·31 | |
| | Kángra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála | 22nd August | ... | ... | 0·45 | 0·95 | 0·58 | 0·18 | 0·72 | 2·88 | |
| | Nurpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. — Month of August 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 25th. | Tuesday 26th. | Wednesday 27th. | Thursday 28th. | Friday 29th. | Saturday 30th. | Sunday 31st. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána s | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore city | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 7th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van C b | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe C | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg C | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received |
| | Meean Meer C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Dafthu C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar C b | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara C | 15th Do. | ... | ... | ... | ... | ... | ... | 0·03 | 0·03 | |
| | Tarn Táran | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya C | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar C | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | } Stat. not received. |
| | Buggeh C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál C | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Batála | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler C | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| | Gurdáspur s | 22nd Do. | ... | ... | ... | ... | ... | 0·15 | ... | 0·15 | |
| | Bhímpur C | Ditto | ... | ... | ... | ... | ... | ... | 0·40 | 0·40 | |
| | Pathánkot | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie s | 23rd August | ... | ... | 0·10 | 0·53 | 0·44 | 0·18 | 0·77 | 2·02 | |
| | Mádhopur C b | Ditto | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Shakargarh | 22nd August | ... | ... | ... | ... | ... | 0·56 | 0·03 | 0·59 | |
| Siálkot. | Zafarwál | 23rd August | ... | ... | ... | ... | ... | ... | 1·02 | 1·02 | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | Ditto | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Daska | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | Ditto | ... | ... | ... | ... | ... | ... | 0·98 | 0·98 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of August* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 25th. | Tuesday 26th. | Wednesday 27th. | Thursday 28th. | Friday 29th. | Saturday 30th. | Sunday 31st. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr s | 23rd August | ... | ... | ... | ... | ... | ... | 0·63 | 0·63 | Kharif prospects good. Some damage done by frequent floods to standing crops in Chakla Jatatar and sailaba areas in Tahsil Gujrát. |
| | Gujrát | Ditto | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Khárián | Ditto | ... | ... | ... | ... | ... | ... | 1·00 | 1·00 | |
| | Phália | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar | 22nd August | ... | ... | ... | ... | ... | ... | 1·00 | 1·00 | Kharif prospects very favourable, gram and mustard sowings commenced. Owing to the Chenab Canal the crops on the adjacent lands have suffered slightly. Fodder plentiful, prices falling. |
| | Wazirabad | Ditto | ... | ... | ... | ... | ... | 0·40 | 1·10 | 1·50 | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | ... | ... | ... | 0·31 | 0·31 | |
| | Shekhupura | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 22nd Do. | ... | ... | ... | ... | ... | ... | 0·60 | 0·60 | |
| | Núrpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | 0·12 | 0·12 | |
| | Sakesar | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 22nd Do. | ... | ... | ... | ... | ... | ... | 0·06 | 0·06 | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | 0·32 | 0·32 | |
| | Shahpur s | Ditto | ... | ... | ... | ... | ... | ... | 0·48 | 0·48 | |
| | Bhera | Ditto | ... | ... | ... | ... | ... | ... | 0·51 | 0·51 | |
| | Miáni | 23rd August | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| JHELUM. | Pind Dádan Khan | 22nd August | ... | ... | ... | ... | ... | ... | 0·32 | 0·32 | |
| | Sadr Station s | 23rd Do. | ... | ... | ... | ... | ... | ... | 0·72 | 0·72 | |
| | Chakwál | Ditto | ... | ... | ... | ... | ... | ... | 1·12 | 1·12 | |
| | Talagang | Ditto | ... | ... | ... | ... | ... | ... | 0·07 | 0·07 | |
| RAWALPINDI. | Pindigheb | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | 22nd Do. | ... | ... | ... | ... | ... | ... | 0·48 | 0·48 | |
| | Attock | Ditto | ... | ... | ... | ... | ... | 0·82 | ... | 0·82 | |
| | Ráwalpindi s | 21st August | ... | ... | ... | ... | ... | ... | 0·50 | 0·50 | |
| | Gujar Khan | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahuta | 21st Do. | ... | ... | ... | ... | ... | 0·85 | ... | 0·85 | |
| | Murree s | Ditto | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| HAZARA. | Abbott-abad s | 24th August | ... | ... | ... | ... | ... | 0·58 | 0·78 | 1·36 | |
| | Mansáhra | Ditto | ... | ... | ... | ... | ... | 0·60 | 0·07 | 0·67 | |
| | Haripur | 22nd August | ... | ... | ... | ... | ... | ... | 0·20 | 0·20 | |
| PESHAWAR. | Sawábi | 22nd August | ... | ... | ... | ... | ... | ... | 0·45 | 0·45 | |
| | Lahore (Utman Bolak) | Ditto | ... | ... | ... | ... | ... | 2·14 | ... | 2·14 | |
| | Nowshera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 18th August | ... | ... | ... | ... | ... | ... | 1·00 | 1·00 | |
| | Hashtnagar | 9th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát s | 22nd August | ... | ... | ... | ... | 0·24 | 0·06 | ... | 0·30 | |
| | Hangu | 16th Do. | ... | ... | ... | ... | 1·50 | 0·20 | ... | 1·70 | |
| | Thal | 22nd Do. | 0·20 | ... | 0·50 | 1·50 | ... | ... | ... | 2·20 | |
| | Karak | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwali | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 21st August | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Kuláchi | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Gházi Khan s | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 23rd Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Jampur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.,*
*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 4th May* 1890.

Against Nagar (Kángra District) *read* in column 7, 0·20 instead of 0·28, and in column 11, 0·48 *for* 0·56.

*For the week ending 18th May* 1890.

Against Nurpur (Kángra District) insert in columns 10 and 11, 0·40.

*For the week ending 1st June* 1890.

[illegible] 0·51 and 1·02 respectively.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 18 | 19 | 25 | 24 | 30 | ... | ... | ... | 10 | 10 | 10 | 20 | 23 | 24 | 22 | 22 | 22 |
| Rohtak ... | 17 | 17 | 17 | 21 | 20 | 23 | ... | ... | ... | 10 | 10 | 10 | 18 | 18 | 26 | 17 | 17 | 20 |
| Gurgaon ... | 16 | 17 | 17 | 20 | 21 | 25 | ... | ... | ... | 10 | 10 | 9 | 20 | 20 | 25 | 19 | 20 | 21 |
| Delhi ... | 16 | 17 | 18 | 21 | 22 | 25 | ... | ... | ... | 13 | 13 | 10 | 20 | 2 | 24 | 17 | 18 | 20 |
| Karnál ... | 18 | 18 | 18 | 24 | 24 | 27 | ... | ... | ... | 11 | 11 | 9 | 22 | 22 | 20 | 16 | 16 | 16 |
| Umballa ... | 19 | 19 | 20 | 24 | 24 | 24 | ... | ... | ... | 12 | 12 | 10 | 26 | 26 | 20 | 18 | 18 | 16 |
| Simla ... | 10 | 12 | 14 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 13 | 13 | 15 | 14 | 14 | 11 |
| Kángra ... | 17 | 16 | 19 | 23 | 23 | 28 | ... | ... | ... | 13 | 12 | 12 | 13 | 13 | 14 | 10 | 10 | 10 |
| Hoshiárpur ... | 21 | 20 | 20 | 28 | 28 | 32 | ... | ... | ... | 10 | 10 | 10 | 27 | 27 | 26 | 20 | 20 | 20 |
| Jullundur ... | 21 | 21 | 21 | 30 | 30 | 32 | ... | ... | ... | 8 | 8 | 8 | 24 | 22 | 25 | 22 | 22 | 20 |
| Ludhiána ... | 19 | 20 | 22 | 24 | 26 | 36 | ... | ... | ... | 13 | 12 | 10 | 24 | 26 | 28 | 21 | 22 | 20 |
| Ferozepore ... | 20 | 20 | 20 | 30 | 3 | 36 | ... | ... | ... | 10 | 10 | 9 | 26 | 24 | 26 | 24 | 22 | 22 |
| Mooltan ... | 16 | 16 | 16 | 27 | 27 | 24 | ... | ... | ... | 12 | 12 | 10 | 25 | 24 | 24 | 21 | 21 | 19 |
| Jhang ... | 18 | 17 | 21 | 25 | 26 | 31 | ... | ... | ... | 9 | 9 | 8 | 18 | 16 | 20 | 16 | 16 | 16 |
| Montgomery ... | 18 | 18 | 18 | 24 | 25 | 25 | ... | ... | ... | 10 | 10 | 9 | 16 | 16 | 20 | 16 | 16 | 15 |
| Lahore ... | 19 | 19 | 18 | 27 | 27 | 32 | ... | ... | ... | 10 | 11 | 9 | 27 | 24 | 2 | 20 | 19 | 16 |
| Amritsar ... | 19 | 20 | 21 | 26 | 26 | 30 | ... | ... | ... | 11 | 11 | 10 | 24 | 22 | 28 | 16 | 16 | 17 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 24 | 24 | 18 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 21 | 29 | 29 | 36 | ... | ... | ... | 13 | 13 | 10 | 30 | 28 | 28 | 25 | 20 | 22 |
| Gujrát ... | 21 | 20 | 21 | 23 | 30 | 33 | ... | ... | ... | 11 | 11 | 10 | 26 | 26 | 26 | 26 | 23 | 23 |
| Gujránwála ... | 20 | 20 | 20 | 30 | 27 | 36 | ... | ... | ... | 14 | 14 | 10 | 27 | 26 | 20 | 24 | 21 | 20 |
| Shahpur ... | 20 | 20 | 22 | 26 | 26 | 33 | ... | ... | ... | 10 | 10 | 9 | 25 | 25 | 22 | 24 | 24 | 22 |
| Jhelum ... | 22 | 2 | 23 | 30 | 30 | 34 | ... | ... | ... | 10 | 13 | 10 | 26 | 32 | 24 | 25 | 27 | 22 |
| Ráwalpindi ... | 21 | 20 | 21 | 36 | 33 | 39 | ... | ... | ... | 9 | [illegible] | 10 | 42 | 45 | 37 | 29 | 28 | 18 |
| Hazára ... | 21 | 22 | 21 | 36 | 38 | 37 | ... | ... | ... | 12 | 10 | 10 | § | § | § | § | § | 14 |
| Peshávar ... | 19 | 19 | 21 | 36 | 35 | 46 | ... | ... | ... | 10 | 10 | 10 | 34 | 31 | 40 | 24 | 24 | 15 |
| Kohát ... | 22 | 23 | 22 | 36 | 33 | 46 | ... | ... | ... | 15 | 15 | 13 | 33 | 23 | 15 | 31 | 31 | 22 |
| Bannu ... | 28 | 28 | 30 | 56 | 51 | 40 | ... | ... | ... | 13 | 13 | 10 | 58 | 55 | 28 | 39 | 38 | 18 |
| D. I. Khan ... | 21 | 21 | 20 | 35 | 26 | 34 | ... | ... | ... | 9 | 8 | 7 | 32 | 28 | 22 | 30 | 29 | 20 |
| D. G. Khan ... | 17 | 17 | 16 | 23 | 23 | 23 | ... | ... | ... | 8 | 8 | 8 | 23 | 21 | 20 | 24 | 24 | 18 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 25 | ... | ... | ... | 15 | 15 | 13 | 18 | 16 | 17 | 14 | 14 | 17 |

§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st AUGUST 1890.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | | |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 24 | 26 | 27 | |
| † | † | † | 16 | 16 | 16 | 22 | 23 | 26 | |
| † | † | † | † | † | † | 20 | 21 | 24 | |
| † | † | † | 13 | 13 | 12 | 20 | 20 | 24 | |
| 20 | 22 | 22 | 16 | 16 | 18 | 23 | 22 | 28 | |
| 20 | 20 | 20 | 10 | 10 | 10 | 24 | 24 | 24 | |
| 17 | 17 | 22 | 10 | 10 | 8 | 12 | 14 | 18 | |
| | | | | | | | | | |
| 24 | 21 | 25 | 6 | 6 | 8 | 17 | 16 | 20 | |
| 12 | 12 | 13 | 19 | 19 | 24 | 24 | 22 | 29 | |
| ‡ | ‡ | ‡ | 20 | 20 | 18 | 23 | 24 | 28 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 25 | 31 | |
| † | † | † | 20 | 20 | 20 | 26 | 27 | 32 | |
| | | | | | | | | | |
| † | † | † | 24 | 23 | 26 | 21 | 20 | 22 | |
| 24 | 25 | 20 | 22 | 22 | 22 | 18 | 18 | 20 | |
| § | § | § | 20 | 20 | 24 | 23 | 23 | 25 | |
| § | § | § | 26 | 26 | 22 | 25 | 24 | 29 | |
| † | † | † | 19 | 19 | 23 | 24 | 24 | 28 | |
| † | † | † | 12 | 12 | 12 | 22 | 22 | 24 | |
| | | | | | | | | | |
| § | § | § | 25 | 25 | 18 | 23 | 23 | 28 | |
| † | † | † | 12 | 12 | 12 | 22 | 23 | 26 | |
| † | † | § | 24 | 20 | 20 | 24 | 24 | 29 | |
| 22 | 22 | 20 | 24 | 24 | 20 | 26 | 26 | 31 | |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 23 | 23 | 27 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 22 | 22 | 27 | |
| | | | | | | | | | |
| † | † | † | § | § | 14 | 18 | 18 | 21 | |
| † | † | † | 22 | 23 | 15 | 19 | 19 | 28 | |
| † | † | † | † | † | ‡ | 25 | 23 | 22 | |
| | | | | | | | | | |
| 8 | 8 | 8 | 8 | 8 | 8 | 32 | 32 | 32 | |
| § | § | § | 6 | 6 | 6 | 27 | 28 | 27 | |
| § | § | § | § | § | § | 21 | 21 | 21 | |
| § | § | § | § | § | § | 19 | 20 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 31st August 1890. | | Past fortnight ending 15th August 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 20 | 20 | 17 | † | † | † | 120 | 120 | 105 | 11 4 | 11 0 | 11 4 | 11 0 | 10 4 | 10 0 |
| Rohtak ... | 16 | 16 | 17 | 18 | 20 | 20 | 120 | 120 | 120 | 10 0 | 10 0 | 10 0 | 10 0 | 10 0 | 10 0 |
| Gurgaon ... | 20 | 20 | 23 | 22 | 22 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 15 | 24 | 20 | 21 | 25 | 90 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 24 | 25 | 19 | 19 | 20 | 160 | 160 | 120 | 10 8 | 10 0 | 10 0 | 9 8 | 10 8 | 10 0 |
| Umballa ... | 24 | 24 | 32 | 20 | 20 | 20 | 130 | 130 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 13 | 13 | 20 | 10 | 9 | 9 | 65 | 65 | 60 | 9 4 | 8 4 | 9 0 | 8 8 | 9 0 | 8 0 |
| Kángra ... | 18 | 18 | 24 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ‡ | 10 0 |
| Hoshiárpur ... | 25 | 25 | 30 | 14 | 14 | 16 | 104 | 104 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 0 | 12 12 |
| Jullundur ... | 28 | 28 | 30 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 23 | 27 | 32 | 14 | 14 | 14 | 110 | 110 | 110 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 8 |
| Ferozepore ... | 26 | 22 | 22 | 13 | 13 | 11 | 105 | 100 | 100 | 13 4 | 13 0 | 13 8 | 13 4 | 13 4 | 13 0 |
| Mooltan ... | 22 | 21 | 24 | † | † | † | 90 | 90 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Jhang ... | 16 | 16 | 20 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Montgomery ... | 16 | 16 | 20 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 0 | 12 8 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 28 | 23 | 25 | 12 | 12 | 12 | 85 | 85 | 95 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 24 | 24 | 27 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 13 12 | 13 4 |
| Gurdáspur ... | 22 | 22 | 22 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 25 | 24 | 22 | 16 | 12 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 24 | 24 | 24 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 25 | 27 | 21 | † | † | § | 105 | 105 | 105 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 24 | 24 | 20 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 13 6 | 13 0 | 13 8 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 32 | 20 | 14 | 14 | ‡ | 120 | 140 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 31 | 31 | 26 | 28 | 28 | 20 | 80 | 85 | 80 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 32 | 33 | 22 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 31 | 31 | 33 | 29 | 29 | 22 | 105 | 105 | 100 | 42 0 | 40 0 | 43 0 | 41 0 | 39 0 | 37 0 |
| Kohát ... | 34 | 33 | 29 | 20 | 20 | † | 180 | 180 | 120 | 65 0 | 60 0 | 65 0 | 60 0 | 65 0 | 60 0 |
| Bannu ... | 54 | 50 | 34 | 15 | 15 | 13 | 80 | 80 | 70 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | ‡ | 16 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 44 0 | 42 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 25 0 | 24 0 | 25 0 | 24 0 | 27 0 | 26 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 11 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st AUGUST 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 7 12 | 7 0 | 13 0 | 6 8 | 6 8 | 5 8 |
| 9 0 | 9 0 | 14 0 | 7 0 | 7 0 | 8 0 |
| 8 0 | 9 0 | 12 0 | 8 0 | 9 0 | 8 0 |
| 7 0 | 7 0 | 8 0 | 7 0 | 7 0 | 6 0 |
| 10 0 | 9 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 8 | 11 0 | 8 0 | 8 0 | 8 0 |
| 5 0 | 5 0 | 6 8 | † | † | 2 0 |
| | | | | | |
| 6 0 | 6 0 | 9 0 | 7 0 | 7 0 | 8 0 |
| 6 12 | 7 0 | 12 8 | 8 0 | 7 12 | 8 0 |
| 8 0 | 7 0 | 9 0 | 7 0 | 7 0 | 7 0 |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 7 8 | 8 0 | 12 0 | 8 8 | 8 8 | 7 0 |
| | | | | | |
| 8 4 | 8 0 | 11 0 | 8 0 | 8 0 | 6 4 |
| 8 8 | 8 4 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 4 | 12 0 | 9 0 | 9 0 | 9 0 |
| 7 0 | 7 0 | 11 8 | 10 4 | 6 0 | 7 2 |
| 7 12 | 8 0 | 13 0 | 8 0 | 8 0 | 7 12 |
| 8 8 | 8 8 | 14 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 10 0 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 7 0 |
| 9 8 | 9 8 | 12 8 | 8 8 | 8 0 | 7 8 |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 9 0 | 13 0 | 10 0 | 10 0 | 8 0 |
| 8 4 | 8 0 | 12 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 7 8 | 7 8 | 7 8 | § | § | § |
| 7 2 | 7 12 | 9 4 | 9 4 | 8 6 | 9 4 |
| 8 8 | 8 0 | 9 0 | 8 12 | 8 12 | 10 0 |
| | | | | | |
| 9 11 | 9 6 | 14 0 | 8 12 | 8 12 | 8 12 |
| 8 12 | 8 10 | 11 0 | § | ‡ | 8 12 |
| 5 10 | 6 4 | 8 2 | 8 0 | 7 8 | 8 8 |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |

## REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 124 seers as compared with 124 seers in last fortnight and 121 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 120 | 160 | 160 |
| Ferozepore | ... | 100 | 100 | 105 |
| Montgomery | ... | 200 | 253 | 253 |
| Siálkot | ... | 160 | 120 | 120 |
| Kohát | ... | 120 | 180 | 180 |
| D. I. Khan | ... | 112 | 125 | 125 |

*Lahori Salt.*—Prices average 12 seers 3 chataks as compared with 12 seers 3 chataks in last fortnight and 12 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Hissar | ... | 10 0 | 11 0 | 11 0 |
| Ludhiána | ... | 12 8 | 12 0 | 12 0 |
| Montgomery | ... | 11 0 | 12 8 | 12 0 |
| Siálkot | ... | 13 0 | 14 0 | 14 0 |

*Kohát Salt.*—Prices average 41 seers 3 chataks as compared with 41 seers 6 chataks in last fortnight and 41 seers in corresponding period of 1889. The following are the chief variations :—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Pesháwar | ... | 37 | 41 | 40 |
| D. G. Khan | ... | 26 | 24 | 24 |

*Gur.*—Prices average 8 seers 3 chataks as compared with 8 seers 2 chataks in last fortnight and 11 seers 8 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs C. | Srs. C. |
| Hissar | ... | 13 0 | 7 0 | 7 12 |
| Hoshiárpur | ... | 12 0 | 7 0 | 6 12 |
| Gurdáspur | ... | 14 8 | 8 8 | 8 8 |
| Siálkot | ... | 16 0 | 10 0 | 10 0 |
| Pesháwar | ... | 9 4 | 7 12 | 7 2 |
| Bannu | ... | 14 0 | 9 6 | 9 11 |

*Cotton (Unginned).*—Prices average 8 seers 3 chataks as compared with 8 seers in last fortnight and 7 seers 13 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs. C. | Srs. C. |
| Hissar | ... | 5 8 | 6 8 | 6 8 |
| Kángra | ... | 8 0 | 7 0 | 7 0 |
| Lahore | ... | 7 2 | 6 0 | 10 4 |
| Ráwalpindi | ... | 8 0 | 10 0 | 10 0 |
| Kohát | ... | 10 0 | 8 12 | 8 12 |
| D. G. Khan | ... | 8 8 | 7 8 | 8 0 |

† Not produced.
‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR
FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 18 | 19 | 22 | 23 | 26 | ... | ... | ... | 14 | 14 | 11 | 21 | 21 | 25 | 18 | 19 | 21 | † | † | † |
| Ferozepore ... | 20 | 20 | 20 | 30 | 30 | 36 | ... | ... | ... | 10 | 10 | 9 | 26 | 24 | 26 | 24 | 22 | 22 | † | † | † |
| Mooltan ... | 16 | 16 | 16 | 28 | 28 | 25 | ... | ... | ... | 13 | 13 | 11 | 25 | 25 | 25 | 21 | 22 | 20 | † | † | † |
| Lahore ... | 20 | 20 | 19 | 28 | 28 | 33 | ... | ... | ... | 11 | 11 | 10 | 28 | 25 | 30 | 21 | 20 | 18 | § | § | § |
| Amritsar ... | 20 | 20 | 21 | 27 | 27 | 31 | ... | ... | ... | 12 | 12 | 10 | 25 | 23 | 29 | 17 | 17 | 17 | † | † | † |
| Peshâwar ... | 20 | 20 | 22 | 37 | 36 | 48 | ... | ... | ... | 11 | 11 | 11 | 35 | 32 | 42 | 25 | 25 | 16 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 31st AUGUST 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st August 1890. | Past fortnight ending 15th August 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 13 | 21 | 21 | 25 | 16 | 16 | 25 | 21 | 22 | 26 | 8 0 | 8 0 | 9 0 | 8 0 | 8 0 | 7 0 | |
| 20 | 20 | 20 | 26 | 27 | 32 | 26 | 22 | 22 | 13 | 13 | 11 | 7 8 | 8 0 | 12 0 | 8 8 | 8 8 | 7 0 | |
| 25 | 24 | 27 | 21 | 21 | 23 | 22 | 22 | 25 | † | † | † | 8 8 | 8 8 | 12 0 | 8 8 | 8 8 | 6 8 | |
| 27 | 27 | 23 | 25 | 25 | 29 | 24 | 24 | 26 | 13 | 13 | 13 | 7 0 | 7 8 | 12 0 | 10 10 | 6 4 | 7 6 | |
| 20 | 20 | 24 | 25 | 25 | 28 | 25 | 25 | 27 | † | † | † | 8 0 | 8 12 | 14 0 | 8 8 | 8 0 | 8 0 | |
| 23 | 24 | 16 | 20 | 20 | 24 | 32 | 32 | 34 | 30 | 30 | 23 | 7 5 | 7 15 | 9 7 | 9 7 | 8 10 | 9 7 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 16th AUGUST 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhoea. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 10 | 6 | 16 | 9 | 4 | 5 | ... | ... | 9 | ... | ... | ... | ... | 1 | 1 | 59 | 33 |
| 2 | | Hansi ... | 12,656 | 5 | 7 | 12 | 7 | 5 | 2 | ... | ... | 3 | ... | ... | 4 | 3 | 1 | 4 | 49 | 29 |
| 3 | | Bhiwani ... | 33,762 | 8 | 10 | 18 | 22 | 11 | 11 | ... | ... | 6 | 6 | ... | 10 | 4 | 5 | 9 | 28 | 34 |
| 4 | | Sirsa ... | 12,292 | 19 | 8 | 27 | 9 | 5 | 4 | ... | ... | 8 | ... | ... | 1 | 2 | 1 | 3 | 115 | 38 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 8 | 9 | 17 | 8 | 1 | 7 | ... | ... | 5 | ... | ... | 3 | ... | 3 | 3 | 56 | 27 |
| 6 | | Jhajjar ... | 11,650 | 8 | 6 | 14 | 6 | 1 | 5 | ... | ... | 2 | 1 | ... | 3 | ... | 3 | 3 | 63 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 7 | 9 | 16 | 22 | 12 | 10 | ... | ... | 11 | 6 | ... | 5 | 4 | 5 | 9 | 34 | 47 |
| 8 | | Palwal ... | 10,635 | 6 | 2 | 8 | 7 | 3 | 4 | ... | ... | 4 | ... | ... | 3 | ... | ... | ... | 39 | 34 |
| 9 | Delhi ... | Delhi ... | 117,363 | 65 | 55 | 120 | 90 | 38 | 52 | ... | ... | 46 | 4 | 1 | 39 | 17 | 15 | 32 | 53 | 40 |
| 10 | | " Suburbs ... | 52,882 | 25 | 24 | 49 | 27 | 10 | 17 | ... | ... | 16 | 2 | 2 | 7 | 4 | 3 | 7 | 48 | 27 |
| 11 | | Sonepat ... | 13,077 | 9 | 4 | 13 | 10 | 7 | 3 | ... | ... | 7 | 1 | ... | 2 | 1 | ... | 1 | 52 | 40 |
| 12 | Karnal ... | Karnal ... | 23,133 | 11 | 8 | 19 | 29 | 20 | 9 | ... | 2 | 14 | 2 | ... | 11 | 7 | 2 | 9 | 43 | 65 |
| 13 | | Kaithal ... | 14,754 | 4 | 15 | 19 | 10 | 4 | 6 | ... | ... | ... | 2 | ... | 8 | 1 | 2 | 3 | 67 | 35 |
| 14 | | Panipat ... | 26,572 | 11 | 14 | 25 | 13 | 6 | 7 | ... | 1 | 3 | 4 | ... | 5 | 1 | 1 | 2 | 49 | 26 |
| 15 | Umballa ... | Umballa ... | 26,777 | 9 | 12 | 21 | 26 | 10 | 16 | 1 | ... | 12 | 6 | ... | 7 | 2 | 3 | 5 | 41 | 51 |
| 16 | | Jagadhri ... | 12,300 | 4 | 2 | 6 | 8 | 3 | 5 | 3 | ... | 3 | ... | ... | 2 | ... | ... | ... | 25 | 34 |
| 17 | | Shahabad ... | 10,218 | 1 | 2 | 3 | 11 | 7 | 4 | 4 | .. | 2 | 4 | ... | 1 | 2 | ... | 2 | 15 | 56 |
| 18 | | Sadhaura ... | 10,794 | 3 | 1 | 4 | 65 | 32 | 33 | 19 | ... | 6 | 28 | ... | 12 | 4 | 1 | 5 | 19 | 314 |
| 19 | | Rupar ... | 10,326 | 9 | 2 | 11 | 3 | 3 | ... | ... | ... | ... | ... | ... | 3 | 2 | ... | 2 | 56 | 15 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 7 | 9 | 16 | 9 | 5 | 4 | ... | ... | 4 | ... | 1 | 4 | 3 | 1 | 4 | 63 | 35 |
| 21 | | Tanda and Urmar ... | 10,295 | 9 | 8 | 17 | 14 | 7 | 7 | ... | ... | 11 | 1 | 1 | 1 | 3 | 2 | 5 | 86 | 71 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 23 | 24 | 47 | 30 | 16 | 14 | ... | ... | 19 | 4 | ... | 7 | 6 | 5 | 11 | 79 | 50 |
| 23 | | " Suburbs ... | 11,474 | 14 | 10 | 24 | 18 | 9 | 9 | ... | ... | 8 | 3 | ... | 7 | 6 | 3 | 9 | 109 | 82 |
| 24 | | Rahon ... | 11,736 | 4 | 1 | 5 | 4 | ... | 4 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 22 | 18 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 27 | 28 | 55 | 25 | 8 | 17 | ... | ... | 20 | 1 | ... | 4 | 5 | 10 | 15 | 65 | 30 |
| 26 | | Jagraon ... | 16,873 | 5 | 6 | 11 | 8 | 5 | 3 | ... | ... | 5 | 1 | ... | 2 | 1 | 1 | 2 | 34 | 25 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 3 | 1 | 4 | 9 | 6 | 3 | ... | ... | 8 | 1 | ... | ... | 4 | ... | 4 | 10 | 22 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 19 | 22 | 41 | 27 | 16 | 11 | ... | ... | 8 | 3 | ... | 16 | 11 | 6 | 17 | 67 | 44 |
| 29 | | " Suburbs ... | 25,593 | 17 | 12 | 29 | 9 | 3 | 6 | ... | ... | 5 | ... | ... | 4 | 2 | 2 | 4 | 59 | 18 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 11 | 9 | 20 | 13 | 6 | 7 | ... | ... | 6 | 3 | 1 | 3 | 2 | 1 | 3 | 83 | 54 |
| 31 | | Chiniot ... | 11,191 | 9 | 3 | 12 | 17 | 8 | 9 | ... | ... | 8 | 3 | ... | 6 | 1 | 4 | 5 | 56 | 79 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhoea. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 42 | 41 | 83 | 64 | 27 | 37 | ... | ... | 36 | 5 | 1 | 22 | 5 | 8 | 13 | 45 | 34 |
| 33 | | " Suburbs ... | 41,670 | 9 | 7 | 16 | 27 | 16 | 11 | ... | ... | 14 | 2 | ... | 11 | 2 | 2 | 4 | 20 | 34 |
| 34 | | Kasur ... | 17,336 | 7 | 3 | 10 | 8 | 3 | 5 | ... | ... | 7 | ... | ... | 1 | 1 | ... | 1 | 30 | 24 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 65 | 79 | 144 | 143 | 63 | 80 | 4 | ... | 73 | 5 | 1 | 60 | 22 | 22 | 44 | 52 | 52 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 18 | 19 | 37 | 31 | 20 | 11 | ... | ... | 20 | ... | ... | 11 | 7 | 2 | 9 | 79 | 67 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 12 | 13 | 25 | 21 | 10 | 11 | ... | 1 | 6 | 6 | 2 | 6 | 2 | 2 | 4 | 39 | 32 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 11 | 10 | 21 | 17 | 7 | 10 | ... | ... | 12 | ... | ... | 5 | 2 | ... | 2 | 58 | 47 |
| 39 | | Jalalpur ... | 12,839 | 14 | 1 | 15 | 13 | 7 | 6 | ... | ... | 8 | 1 | ... | 4 | 1 | 2 | 3 | 61 | 53 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 20 | 6 | 26 | 23 | 10 | 13 | ... | ... | 12 | 1 | ... | 10 | 4 | 3 | 7 | 59 | 52 |
| 41 | | Wazirabad ... | 16,462 | 7 | 3 | 10 | 16 | 5 | 11 | ... | ... | 5 | 2 | 1 | 8 | ... | 4 | 4 | 32 | 51 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 6 | 7 | 13 | 8 | 4 | 4 | ... | ... | 6 | ... | ... | 2 | 1 | 1 | 2 | 45 | 28 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 5 | 1 | 6 | 4 | 1 | 3 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | 19 | 13 |
| 44 | | Pind Dadan Khan ... | 16,724 | 4 | 2 | 6 | 8 | 5 | 3 | ... | ... | 3 | 4 | ... | 1 | 1 | ... | 1 | 19 | 25 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 17 | 8 | 25 | 25 | 17 | 8 | ... | ... | 14 | 1 | 1 | 9 | 10 | 3 | 13 | 47 | 47 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 26 | 14 | 40 | 40 | 18 | 22 | ... | 1 | 27 | 1 | ... | 11 | 8 | 5 | 13 | 35 | 35 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 2 | 7 | 7 | 4 | 3 | ... | ... | 4 | 1 | ... | 2 | 1 | ... | 1 | 27 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 7 | 6 | 13 | 11 | 4 | 7 | ... | ... | 4 | 2 | ... | 5 | 1 | 3 | 4 | 56 | 30 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 12 | 7 | 19 | 11 | 3 | 8 | ... | ... | 6 | 1 | ... | 4 | 2 | 4 | 6 | 50 | 29 |
| | Birth and death rate of London for the week ending 26th July 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 23·6 | 16·7 |
| | Grand Total ... | | 1,311,790 | 657 | 558 | 1215 | 1042 | 495 | 547 | 31 | 5 | 524 | 118 | 12 | 352 | 168 | 142 | 310 | 48 | 41 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | | 12,305 | 5 | 3 | 8 | 19 | 15 | 4 | ... | 4 | 11 | 1 | ... | 3 | 1 | ... | 1 | 34 | 81 |
| | Dharmsala ... | | 3,839 | 3 | 1 | 4 | 3 | 2 | 1 | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 54 | 41 |
| | Dalhousie ... | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | | 2,489 | 1 | ... | 1 | 2 | ... | 2 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 21 | 42 |

**Note.**—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 5th September* 1890.

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 16th August 1890.*

*General results.*—The total deaths registered from all causes in the Province were 11,630 against 10,522 in the previous week and 9,436 in the corresponding week of the past year, giving respectively an annual death-rate of 32·2, 29·1 and 26·3 per 1,000 of population. The registered death-rate of the week under review is 3·1 per 1,000 higher than that of the previous week, and is as much as 7·2 per 1,000 higher than the average rate of the corresponding week of the five years 1885-1889.

*Cholera.*—There were 191 deaths registered under the head of cholera against 130 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... ... | Rural Circles ... ... ... ... | 9 |
| Delhi ... ... ... | Rural Circle ... ... ... ... | 1 |
| Karnál ... ... ... | Rural Circles ... ... ... ... | 49 |
| Umballa ... ... ... | Umballa Town ... ... ... ... | 1 |
| Do. ... ... ... | Jagádhri Town ... ... ... ... | 3 |
| Do. ... ... ... | Shahabad Town ... ... ... ... | 4 |
| Do. ... ... ... | Sadhaura Town ... ... ... ... | 19 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 29 |
| Kángra ... ... ... | Kángra Town ... ... ... ... | 4 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 48 |
| Montgomery ... ... ... | Rural Circle ... ... ... ... | 12 |
| Lahore ... ... ... | Chunián Town ... ... ... ... | 3 |
| Do. ... ... ... | Patti Town ... ... ... ... | 1 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 3 |
| Amritsar ... ... ... | Amritsar Town ... ... ... ... | 4 |
| Gurdáspur ... ... ... | Sujánpur Town ... ... ... ... | 1 |
| | Total ... | 191 |

*Small-pox.*—From small-pox 109 deaths were registered against 108 in the previous week and 72 in the corresponding week of the past year.

*Fevers.*—From fevers there were 7,888 deaths against 7,111 in the previous week and 6,198 in the corresponding week of the past year. The registered mortality from fevers continues to increase. The increase is greatest in the districts of Kángra, Hoshiárpur, Jullundur, Gurdáspur, Siálkot and Gujrát.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 408 deaths against 382 in the previous week and 394 in the corresponding week of the past year registered under head of bowel complaints.

*Chest disease.*—Five hundred and twenty-six against 502 and 516.

*Snake-bite.*—Fifty-two against 50 and 57.

*Hydrophobia.*—Two against 1 and 5.

*All other causes.*—Two thousand four hundred and fifty-four against 2,238 in the previous week and 2,128 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand three hundred and fifty-eight deaths were registered in the Province amongst infants under one year of age, of which number 1,801 were males and 1,557 females.

*Births and Deaths in Municipal Towns.*—In the 49 large municipal towns 1,042 deaths were registered (495 males and 547 females), giving a death-rate of 41 per mille of population; 1,215 births were registered (657 males and 558 females), giving a birth-rate of 48 per mille of population. The registered death-rate of the 49 principal municipal towns is 6·2 per 1,000 greater than the average rate of the corresponding week of the five years 1885-89. The mortality of the town of Sadhaura in the Umballa District, was at the enormous rate of 314 per 1,000. The principal causes of death in that town were cholera, dysentery, and diarrhœa.

LAHORE: }
*The 5th September* 1890. }

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—11-9-90—690.

No. 38 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 18, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 16th SEPTEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Sufficient. | Rising. | Crops suffering from want of rain. | ... |
| 2 | Delhi ... | ... | ... | Fluctuating. | Rain urgently wanted. | ... |
| 3 | Umballa ... | ... | ... | Rising. | Harvesting in progress. | ... |
| 4 | Jullundur ... | ... | Insufficient. | Slightly rising. | Rain much wanted. Condition of standings crops average. | Ploughings in progress. |
| 5 | Ferozepore ... | ... | Ample. | Stationary. | Crops suffering for want of rain. | ... |
| 6 | Amritsar ... | 0·04 in Tarn Táran. | Sufficient. | Do. | Rice harvest begun. Rain much wanted for both harvests. | ... |
| 7 | Siálkot ... | ... | Abundant. | Do. | Prospects good. | Preparations in progress. |
| 8 | Lahore ... | ... | Sufficient. | Do. | Prospects of standing crops in sailába and low lands good, but those on high lands are in some places withering for want of rain. | Ploughings in progress. Rain wanted for sarson and gram sowings on high lands. |
| 9 | Mooltan ... | ... | ... | Do. | Crops suffering somewhat. Canals almost all dry, except the Sidhnai. | ... |
| 10 | Ráwalpindi ... | 0·47 at Ráwalpindi. 0·67 in Kahúta. 0·45 in Gujar Khan. 0·40 in Murree. | Sufficient. | Falling. | Prospects average. | ... |
| 11 | Shahpur ... | ... | Do. | Stationary. | Fair condition. Canals ceased flowing in first week of September. Rain wanted. | ... |
| 12 | D. I. Khan ... | ... | ... | Do. | Condition of crops good. | ... |
| 13 | Peshâwar ... | ... | Sufficient. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Slight rain has fallen in Amritsar and Ráwalpindi Districts. Prices unsettled in Delhi, rising in Hissar, Umballa and Jullundur, falling in Ráwalpindi, stationary elsewhere. Harvesting of kharif crops commenced. Ploughings for rabi in progress. Rain much wanted in almost all districts. Prospects of crops are reported good to average. Crops suffering in most districts for want of rain. Fodder insufficient in Jullundur, ample in Ferozepore, and sufficient elsewhere.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

**Explanations.**

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b.*—Watson's Improved.
*s.*—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*H* = Hail.
*R* = Slight rain not measured.
*D* = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Week ending* 31*st August* 1890. Monday 25th. | Tuesday 26th. | Wednesday 27th. | Thursday 28th. | Friday 29th. | Saturday 30th. | Sunday 31st. | Total. | Special Remarks. |
| Simla. | Kilba ... | 21st August ... | ... | ... | 0·04 | ... | ... | 0·07 | ... | 0·11 | |

## Weekly Rain Report for the week ending 7th September 1890.

Memo.—There has been no rain of importance. Every return received is blank, except the following stations :—

| | | | |
|---|---|---|---|
| Zafarwál | ( Siálkot District ), | on 1st September 1890 ... | 0·18 |
| Pasrúr | ( Ditto ), | ditto ditto ... | 0·10 |
| Daska | ( Ditto ), | on 2nd ditto ... | 0·59 |
| Siálkot | ( Ditto ), | on 1st ditto ... | 1·16 |
| Gujrát Sadr | ( Gujrát District ), | ditto ditto ... | 0·94 |
| Gujrát Tahsíl | ( Ditto ), | ditto ditto ... | 0·90 |
| Khárián | ( Ditto ), | ditto ditto ... | 0·15 |
| Phalia | ( Ditto ), | ditto ditto ... | 0·40 |
| Katlang | ( Peshávar District ), | on 6th September 1890 ... | 0·25 |
| Hashtnagar | ( Ditto ), | on 2nd and 5th September, 0·60 and 0·10, respectively ... | 0·70 |
| Doaba Daudzai | ( Ditto ), | on 2nd September 1890 ... | 0·21 |
| Isa Khel | ( Bannu District ), | on 1st ditto ... | 0·80 |
| Tánk | ( D. I. Khan District ), | ditto ditto ... | 0·57 |
| Kuláchi | ( Ditto ), | ditto ditto ... | 1·08 |
| D. I. Khan | ( Ditto ), | ditto ditto ... | 1·35 |
| Bhakkar | ( Ditto ), | ditto ditto ... | 0·29 |

Slight rain has fallen in Jhang on 1st September 1890.

Deputy Commissioner, Gujrát, reports that the kharíf crop is in good condition. Green fodder abundant.

Deputy Commissioner, Gujránwála, reports that the kharíf prospects are good. Rabi sowings commenced.

The Chenab Canal which was closed last week has re-opened. Rain wanted.

Return not received from Hazára District.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 2·19 | 10 52 | 3 53 | 1·09 | 0·21 | 12·10 | 12·31 | The crops at the end of the month were in a most precarious state. The rains have stopped, and high wind from the west is blowing and crops are withering. Unless rain falls in a week the kharíf will be very poor compared with the expectations raised in July. The Ghaggar came down in flood and has destroyed all the rice in Fatahabad and Sirsa. |
| | Fatahabad ... | 2·19 | 11·46 | 3 84 | 1·06 | 0·62 | 13 35 | 13·97 | |
| | Barwála ... | 2·28 | 12·14 | 4·02 | 4·15 | 0·53 | 15·77 | 16·39 | |
| | **Hissar** ... | **2·32** | **11·26** | **3 85** | **1·02** | **0·55** | **8·51** | **9·06** | |
| | Hánsi ... | 2·14 | 11·73 | 3·84 | 2·72 | 0 46 | 12·21 | 12·67 | |
| | Bhiwáni ... | 2·27 | 14·07 | 5·32 | 4·42 | 0·54 | 14·78 | 15·32 | |
| | Budhláda ... | ... | ... | ... | 3·26 | 0·59 | 13·48 | 14·07 | |
| | Dhaneta ... | ... | ... | ... | 6·74 | 1·21 | 16·83 | 18·04 | |
| Rohtak. | **Rohtak** ... | **2·70** | **14 18** | **4·62** | **6·21** | **0·65** | **19·11** | **19·76** | The crops throughout the district are looking well, except parts of some villages of Gohána and Sámpla Tahsíls, where the floods destroyed the jowár and cotton crops. The crops on rain lands will require rain soon. |
| | Gohána ... | 2·86 | 15 97 | 5·21 | 9·59 | 0·65 | 25·89 | 26·54 | |
| | Sámpla ... | 2·71 | 15 93 | 5.52 | 7·54 | ... | 22·64 | 22·64 | |
| | Jhajjar ... | 2·50 | 16·71 | 5·98 | 6·15 | 1·03 | 17·12 | 18·15 | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | 8·98 | 1·34 | 20·89 | 22·23 | Crops in all parts except Rewári have benefited by the cessation of the rain. Weeding completed. In Rewári, where sowings were late, and rain not as plentiful as elsewhere none is required. Rabi ploughings in progress. Fodder sufficient. |
| | Játusána ... | ... | ... | ... | 2·90 | 0·40 | 8·92 | 9·32 | |
| | Rewári ... | 1·97 | 16·48 | 6·56 | 4·70 | 0·50 | 14·70 | 15·20 | |
| | Shahjahánpur ... | ... | ... | ... | 7·02 | 0·95 | 16 81 | 17·76 | |
| | Tauru ... | ... | ... | ... | 7·30 | 0·15 | 15·50 | 15·65 | |
| | Nuh ... | 2·15 | 18·93 | 7·03 | 8·95 | 0·92 | 23 00 | 23·92 | |
| | Fírozpur ... | 1·26 | 15·34 | 5·61 | 7·77 | 0·70 | 30·37 | 31·07 | |
| | Hodal ... | ... | ... | ... | 3·69 | ... | 21·56 | 21·56 | |
| | Hattín ... | ... | ... | ... | 9·81 | 0·27 | 30·24 | 30·51 | |
| | Palwal ... | 1·86 | 17 97 | 6·38 | 8·76 | 0·40 | 26·51 | 26·91 | |
| | Sohna ... | ... | ... | ... | 5·65 | 0·30 | 24 60 | 24·90 | |
| | **Gurgaon** ... | **2·44** | **18 86** | **6·48** | **6 87** | **1·19** | **25·02** | **26·21** | |
| | Punahána ... | ... | ... | ... | 8·50 | 0·15 | 24 87 | 25·02 | |
| Delhi. | Ballabgarh ... | 2·39 | 17·90 | 6·42 | 9·41 | 1·18 | 33·16 | 34·34 | Crops on low lands damaged by floods. Locust broods and also locust flights appeared in certain villages in the Ballabgarh Tahsíl. Canal was full, but there was no necessity for irrigation therefrom. |
| | Mahrauli ... | ... | ... | ... | 8·32 | 0·80 | 21·70 | 22·50 | |
| | **Sadr (Delhi)** ... | **3·01** | **19·43** | **6·77** | **11·00** | **0·82** | **28·63** | **29·45** | |
| | Sonepat ... | 3 10 | 18·01 | 6·80 | 7·99 | 1·03 | 17·48 | 18·51 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 4·22 | 18·23 | 5·55 | 13·73 | 0·86 | 29·17 | 30·03 | Cotton crop and kharíf crops generally greatly damaged in many villages by floods. Sugar-cane and rice crops fair. Ground drying quickly. Rabi prospects good. |
| | **Karnal** ... | **4·33** | **21·48** | **6·39** | **13·13** | **1·44** | **35·63** | **37·07** | |
| | Rajaund ... | ... | ... | ... | 5·00 | 0·20 | 15·16 | 15·36 | |
| | Kaithal ... | 1·95 | 13·37 | 3·98 | 5·35 | 0·40 | 2 ·12 | 20·52 | |
| | Gulah ... | ... | ... | ... | 11·03 | 1·33 | 26·87 | 28·20 | |
| Umballa. | Pipli ... | 4·29 | 21·36 | 7·99 | 10·46 | 0·65 | 34·53 | 35·18 | Kharíf crops are ripening. Out-turn expected below average. |
| | Jagádhri ... | 5·86 | 32·63 | 12·62 | 19·22 | 1·70 | 38·37 | 40·07 | |
| | **Umballa** ... | **5·42** | **25·70** | **8·53** | **13·29** | **1·40** | **42·72** | **44·12** | |
| | Naráingarh ... | 6·37 | 31·69 | 11·77 | 19·32 | 0·99 | 48·79 | 49·78 | |
| | Kharar ... | 5·49 | 26·14 | 9·15 | 10·63 | 2·71 | 27·66 | 30·37 | |
| | Rúpar ... | 5·18 | 20·68 | 7·40 | 9·12 | 3·08 | 22·18 | 25·26 | |
| | Kotra ... | ... | ... | ... | 0·67 | 0·35 | 8·20 | 8·55 | |
| | Jodhpur ... | ... | ... | ... | 2·11 | ... | 8·22 | 8·22 | |
| | Raniki ... | ... | ... | ... | 5·26 | 0·70 | 14·91 | 15·61 | |
| | Dádupur ... | ... | ... | ... | 4·40 | 0·33 | 12·45 | 12·78 | |
| Simla. | Kasauli ... | 10·75 | 50·95 | 18·18 | 26·03 | 3·69 | 65·74 | 69·43 | Condition of crops good. |
| | Barauli ... | 8·69 | 44·07 | 15·99 | 16·35 | 4·49 | 56·00 | 60·49 | |
| | **Simla** ... | **11·09** | **53·31** | **18·49** | **20·40** | **3·78** | **58·08** | **61·86** | |
| | Kot Khái ... | 9·73 | 42·92 | 14·63 | 8·00 | 4·22 | 21·40 | 25·62 | |
| | Kotgarh ... | 10·63 | 47·65 | 16·13 | 7·90 | 4·22 | 21·30 | 25·52 | |
| | Kilba ... | ... | 14·89 | 3·67 | 5·10 | 15·31 | 19·64 | 34·95 | |
| Kangra. | Plách ... | 7·94 | 32·53 | 13·20 | 10·42 | 5·60 | 26·71 | 32·31 | Kharíf crop prospects good. |
| | Kulu ... | 8·90 | 33·80 | 13·41 | 8·04 | 10·71 | 24·9[illegible] | 35·61 | |
| | Nagar ... | 24·02 | 24·58 | 5·13 | 9·43 | 9·04 | 27·33 | 36·37 | |
| | Pálampur ... | 14·81 | 79·68 | 33·21 | 42·79 | 10·29 | 113·30 | 123·59 | |
| | Hamírpur ... | 7·86 | 38·88 | 16·37 | 18·27 | 6·97 | 50·84 | 57·81 | |
| | Dera ... | 9·56 | 42·90 | 18·36 | 15·80 | 6·18 | 49·01 | 55·1[illegible] | |
| | Kángra ... | 9·76 | 51·08 | 21·87 | 30·22 | 5·05 | 70·55 | 75·80 | |
| | **Dharmsala** ... | **17·14** | **94·24** | **38·45** | **39·79** | **8·46** | **117·31** | **125·77** | |
| | Núrpur ... | 12·69 | 50·33 | 21·17 | 18·55 | 3·17 | 47·07 | 50·24 | |
| Hoshiarpur. | Dasúya ... | 6·91 | 24·19 | 9·67 | 6·76 | 2·20 | 18·98 | 21·81 | The standing kharíf crops are in good condition, except those on river banks (Bet) in Tahsíls Dasúya and Una, some of which were affected from excess of water. Rain is, however, still required for crops sown at the end of June last. |
| | Una ... | 6·91 | 27·03 | 11·04 | 8·10 | 2·49 | 24·72 | 27·21 | |
| | Garhshankar ... | 6·40 | 22·47 | 8·83 | 4·90 | 1·53 | 17·13 | 18·66 | |
| | **Sadr Station** ... | **6·22** | **24·37** | **9·25** | **5·14** | **2·57** | **24·99** | **27·56** | |
| | Hoshiárpur ... | 6·22 | 24·37 | 9·25 | 5·17 | 2·84 | 25·35 | 28·19 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | **4·99** | **19·56** | **7·15** | **4·66** | **1·68** | **12·27** | **13·95** | Standing crops average. Rabi ploughings in progress. |
| | Nakodar ... | 5·00 | 17·66 | 6·54 | 5·97 | 1·80 | 14·60 | 16·40 | |
| | Phillour ... | 5·67 | 18·27 | 6·71 | 7·22 | 2·18 | 17·86 | 20·04 | |
| | Nawashahr ... | 5·96 | 18·83 | 7·07 | 7·79 | 1·88 | 15·06 | 16·94 | |
| Ludhiana. | Samrála ... | 5·81 | 18·15 | 5·69 | 10·27 | 1·66 | 23·21 | 24·87 | Condition of kharíf crops is promising, but more rain is wanted in some parts of the district. Broods of locusts hatched from the eggs deposited by the swarm which appeared on the 29th July last, in certain villages of the Jagraon Tahsíl, are being destroyed by burning them in trenches. |
| | **Ludhiana** ... | **6·23** | **20·62** | **6·44** | **5·20** | **2·26** | **18·38** | **20·64** | |
| | Jagraon ... | 4·36 | 13·88 | 4·35 | 5·02 | 0·64 | 13·58 | 14·22 | |
| Ferozepore. | Moga ... | 3·88 | 15·06 | 5·21 | 5·66 | 0·47 | 13·79 | 14·26 | Rain is urgently wanted to save the kharíf and enable the rabi to be sown. Flights of locusts have passed without doing any damage of importance. The youngs have been destroyed as they hatched. |
| | Zíra ... | 4·37 | 18·22 | 6·10 | 3·47 | 1·02 | 10·00 | 11·02 | |
| | **Ferozepore Sadr** ... | **3·82** | **15·82** | **5·32** | **4·28** | **0·91** | **13·21** | **14·12** | |
| | Ferozepore City ... | 3·82 | 15·82 | 5·32 | 5·20 | 0·89 | 14·71 | 15·60 | |
| | Muktsar ... | 2·12 | 9·57 | 3·16 | 2·58 | 0·08 | 9·76 | 9·84 | |
| | Fázilka ... | 2·09 | 8·39 | 2·68 | 3·39 | 0·68 | 9·59 | 10·27 | |
| | Nathana ... | ... | ... | ... | 2·37 | ... | 8·76 | 8·76 | |
| | Gobindgarh ... | ... | ... | ... | 5·20 | ... | 6·60 | 6·60 | |
| Mooltan. | Mailsi ... | 0·85 | 2·77 | 0·68 | 1·57 | 0·12 | 3·26 | 3·38 | Condition of crops good. Some danger apprehended owing to sudden subsiding of Canals. Sidnai Canal doing well. |
| | Lodhrán ... | 1·26 | 4·03 | 1·16 | 2·63 | 0·07 | 2·65 | 2·72 | |
| | Shujabad ... | 1·55 | 5·12 | 1·45 | 0·90 | 0·36 | 2·36 | 2·72 | |
| | **Mooltan** ... | **1·52** | **4·68** | **1·23** | **2·89** | **0·50** | **5·09** | **5·59** | |
| | Sarai Sidhu ... | 1·44 | 4·29 | 1·26 | 0·73 | 0·20 | 1·55 | 1·95 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(continued).

Explanation:—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 2·16 | 7·51 | 2·01 | 1·56 | 0·46 | 3·14 | 3·60 | Condition of crops generally good. In Tahsíl Shorkot crops on low lands * were destroyed by the river flood, but mash, &c., are again being sown therein. Rabi taraddud in progress. Locusts appeared in some villages of Chiniot, but were destroyed by the zamíndárs. |
| | **Jhang** ... | **2·26** | **7·88** | **1·98** | **3·57** | **0·55** | **8·76** | **9·31** | |
| | Chiniot ... | 2·77 | 9·42 | 2·50 | 1·93 | 1·53 | 12·23 | 13·76 | |
| Montgomery. | Gugera ... | 1·70 | 5·11 | 1·64 | 0·64 | 0·76 | 11·81 | 12·57 | Crops in good condition owing to the beneficial rain during the month. Canals flowing and fodder abundant. |
| | **Montgomery** ... | **2·20** | **7·28** | **2·12** | **2·97** | **0·50** | **8·31** | **8·81** | |
| | Pákpattan ... | 1·70 | 5·46 | 1·70 | 1·84 | 0·62 | 6·46 | 7·08 | |
| | Dipálpur ... | 1·65 | 5·41 | 1·61 | 2·68 | 0 76 | 8·52 | 9·28 | |
| Lahore. | Van (*c*) ... | 2·53 | 9·53 | 2·86 | 4·02 | 2·52 | 13·90 | 16·42 | Rain plentiful throughout the district up to 22nd of the month, when the rain ceased. All crops in excellent condition so far, but baráni crops will require more rain to bring them to maturity. Rabi ploughings are in progress. Both Sutlej and Ravi rivers were in higher floods than usual, especially the latter. Sutlej inundation canals are *still* working well. |
| | Chunián ... | 3·35 | 11·16 | 3·75 | 2·55 | 1·84 | 9·72 | 11·52 | |
| | Kasúr ... | 3·28 | 12·78 | 4·03 | 2·81 | 2·05 | 18·32 | 20·37 | |
| | Pambe (*c*) ... | 2·83 | 10·56 | 2·63 | 4·60 | 0·82 | 17·49 | 18·31 | |
| | Sharakpur ... | 2·61 | 9·55 | 3·07 | 4·25 | 1·27 | 16·50 | 17·77 | |
| | Niáz Beg (*c*) ... | 3·77 | 11·95 | 3·86 | 6·53 | 1·04 | 24·16 | 25·20 | |
| | **Lahore** ... | **4·00** | **15·12** | **4·61** | **7·66** | **1·08** | **21·85** | **22·93** | |
| | Meean Meer (*c*) ... | 4·60 | 15·82 | 4·86 | 10·60 | 1·12 | 33·20 | 34·32 | |
| | Maniháln (*c*) ... | 3·60 | 13·10 | 4·15 | 2·48 | 2·17 | 11·59 | 13·76 | |
| | Dafthu (*c*) ... | ... | ... | ... | 6·06 | 1·26 | 17·18 | 18·44 | |
| Amritsar. | Buchar (*c*) ... | 2·86 | 11·79 | 3·59 | 6·27 | 1·31 | 21·17 | 22·48 | Crops in good condition. The break in the rains has lasted long enough and more rain is now wanted. |
| | Khara (*c*) ... | 2·37 | 10·00 | 3·26 | 5·35 | 2·83 | 12·91 | 15·74 | |
| | Tarn Táran ... | 3·89 | 16·25 | 5·66 | 6·96 | 1·43 | 15·60 | 17·03 | |
| | Raya (*c*) ... | 3·73 | 14·18 | 5·81 | 9·52 | 1·55 | 19·95 | 21·50 | |
| | Jandiála (*c*) ... | 3·72 | 11·30 | 3·96 | 4·85 | 1·61 | 10·61 | 12·22 | |
| | Jail Hospital ... | ... | ... | ... | 5·61 | 1·15 | 21·04 | 22·19 | |
| | **Amritsar Sadr** ... | **4·46** | **18·84** | **6·57** | **7·25** | **1·60** | **19·38** | **20·98** | |
| | Amritsar (*c*) ... | ... | ... | ... | 8·49 | 1·24 | 19·25 | 20·49 | |
| | Buggeh (*c*) ... | 2·89 | 12·43 | 3·73 | 7·90 | 1·62 | 18·06 | 19·68 | |
| | Ajnála ... | 3·48 | 13·87 | 4·71 | 9·50 | 1·43 | 18·56 | 19·99 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| Gurdaspur. | Aliwál (c) ... | 6·10 | 19·17 | 6·39 | 6·47 | 1·01 | 19·88 | 20.89 | Crops in good condition. Locusts have been observed in Gurdáspur and Shakargarh Tahsils. |
| | Batála ... | 5·91 | 21·85 | 7·09 | 8·41 | 1·16 | 19·53 | 20·69 | |
| | Kaler (c) ... | 7·49 | 22·76 | 7·61 | 7·69 | 1·84 | 14·70 | 16·54 | |
| | Tibri (c) ... | 7·18 | 22·03 | 7·44 | 3·90 | 1·15 | 18·62 | 19·77 | |
| | **Gurdaspur** ... | **6·55** | **21·62** | **7·13** | **8·12** | **2·07** | **26·08** | **28·15** | |
| | Bhimpur (c) ... | 9·62 | 29·61 | 10·32 | 9·40 | 2·04 | 25·20 | 27·24 | |
| | Pathánkot ... | 8·59 | 34·41 | 11·95 | 14·06 | 2·78 | 32·27 | 35·05 | |
| | Dalhousie ... | 11·36 | 52·19 | 17·54 | 26·84 | 7·77 | 70·74 | 78·51 | |
| | Mádhopur (c) ... | 10·14 | 39·01 | 14·65 | 26·30 | 2·45 | 47·49 | 49·94 | |
| | Shakargarh ... | 8·52 | 29·54 | 9·56 | 7·55 | 2·00 | 22·70 | 24·70 | |
| Sialkot. | Zafarwál ... | 6·62 | 23·25 | 7·92 | 17·09 | 1·40 | 32·69 | 34·09 | Good rain all over the district. Slight damage to crops on low-lying lands. Otherwise prospects of kharíf excellent. |
| | Pasrúr ... | 5·98 | 24·45 | 8·37 | 12·66 | 1·38 | 27·45 | 28·83 | |
| | Raya ... | 3·63 | 16·47 | 5·44 | 11·20 | 1·05 | 23·29 | 24·34 | |
| | Daska ... | 5·29 | 19·60 | 6 78 | 22·52 | 1·69 | 36·46 | 38·15 | |
| | **Sialkot** ... | **6·71** | **26·62** | **9·32** | **31·81** | **2·26** | **45·48** | **47·74** | |
| Gujrat. | **Sadr** ... | **7·20** | **19·82** | **7·18** | **11·71** | **1·51** | **32·50** | **34·01** | Prospects excellent. Heavy floods in rivers and from hill torrents causing some damage to crops. |
| | Gujrát ... | 7·20 | 19·82 | 7·18 | 11·52 | 1·43 | 32·59 | 34·02 | |
| | Khárián ... | 7·81 | 22·40 | 8·03 | 11·35 | 1·81 | 24·98 | 26·79 | |
| | Phália ... | 5·39 | 15·74 | 5·83 | 6·85 | 2·23 | 17·70 | 19·93 | |
| Gujranwala. | Rámnagar ... | 4·29 | 10·52 | 2·73 | 7·12 | 1·64 | 19·90 | 21·54 | The rainfall during the month has been excessive in the Wazirabad and Gujránwála Tahsíls, and the crops on low-lying lands have in many places been swamped by the inundatiom from Aik Nala and the Chenab. With these exceptions the promise of the kharíf crops is good and the area unusually large. Rice promises to be splendid crop. About the 20th the Chenab Canal having silted up at the head ceased to flow, and unless clearances are rapidly effected there will be a considerable failure of canal crops in the Háfizabad Tahsíl. Fodder is plentiful. Prices steady. |
| | Wazirabad ... | 5·55 | 16·58 | 5·99 | 14·84 | 1·40 | 34·69 | 36·09 | |
| | **Sadr Kacheri** ... | **5·24** | **17·59** | **6·06** | **15·82** | **2·86** | **28·76** | **31·62** | |
| | Shekhupura ... | 2·26 | 8·35 | 2·85 | 5·70 | 0·90 | 21·00 | 22·90 | |
| | Háfizabad ... | 4 07 | 13·87 | 4·76 | 5·68 | 1·35 | 19·07 | 20·42 | |
| | Maluana (c) ... | ... | ... | ... | 4·00 | 1·81 | 12·10 | 13·91 | |
| | Shahkot (c) ... | ... | ... | ... | 2·50 | 2·23 | 11·13 | 13·36 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | 9·70 | 2·87 | 3·40 | 1·68 | 9·64 | 11·32 | *Bhera Tahsíl.*—Rain plentiful in Bár and Chenab Circles. Locusts reported at Rám Rihan: damage not great. Dhakwán now stopped. Prices stationary. Kharíf prospects middling in rain land: good in sailáb land. Grain sufficient. *Shahpur Tahsíl.*—Bár Circles: kharíf prospects very good, especially cotton. Watering for rabi in progress. Locusts reported, but no damage. Jhelum Circle: river low. Samukha and mung being sown. Blight in jowár. *Khusháb Tahsíl.*—Kharíf prospects middling. Grain sufficient. General prospects good. |
| | Sahiwál ... | 2·74 | 10·34 | 1·90 | 1·51 | 0·81 | 8·84 | 9·65 | |
| | Núrpur ... | 1·23 | 3·13 | 0·20 | 2·50 | 0·73 | 8·80 | 9·53 | |
| | Mitha Tiwána ... | 2·75 | 7·86 | 2·82 | 2·41 | 0·40 | 4·74 | 5·14 | |
| | Sakesar ... | 2·31 | 7·67 | 2·92 | 6·50 | 0·60 | 13·11 | 13·71 | |
| | Naushahra ... | 3·45 | 12·44 | 3·00 | 0·39 | 1·50 | 4·79 | 6·29 | |
| | Khusháb ... | 2·56 | 7·29 | 2·54 | 1·41 | 1·02 | 4·13 | 5·15 | |
| | **Shahpur** ... | **3·58** | **9·51** | **3·37** | **2·50** | **1·03** | **6·39** | **7·42** | |
| | Bhera ... | 3·60 | 9·45 | 3·47 | 2·82 | 0·44 | 7·53 | 7·97 | |
| | Miáni ... | 5·03 | 7·97 | 2·83 | 8·28 | 1·60 | 13·06 | 14·66 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | 11·00 | 3·70 | 8·14 | 1·76 | 14·62 | 16·38 | Kharíf crops are flourishing. Flights of locusts passed through the district without doing any damage. The river has been inundated on two occasions during the month. |
| | **Sadr Station** ... | **6·03** | **16·12** | **5·33** | **10·32** | **1·69** | **28·96** | **30·65** | |
| | Chakwál ... | 4·13 | 10·44 | 3·42 | 7·01 | 1·81 | 19·37 | 21·18 | |
| | Talagang ... | 4·80 | 11·15 | 3·50 | 5·16 | 1·66 | 16·88 | 18·54 | |
| Rawalpindi. | Pindigheb ... | 5·13 | 9·50 | 2·62 | 3·51 | 2·14 | 10·82 | 12·96 | Kharíf prospects good in all tahsíls except Ráwalpindi and Attock, where they are average. |
| | Fatahjang ... | 10·10 | 14·35 | 8·00 | 3·85 | 3·83 | 11·40 | 15·23 | |
| | Attock ... | 7·15 | 12·06 | 3·66 | 5·10 | 1·90 | 12·50 | 14·40 | |
| | **Rawalpindi** ... | **8·56** | **20·04** | **7·03** | **14·90** | **4·07** | **40·29** | **44·36** | |
| | Gujar Khan ... | 10·17 | 17·77 | 7·70 | 8·48 | 4·55 | 25·85 | 30·40 | |
| | Kahuta ... | 12·04 | 26·25 | 13·57 | 11·37 | 2·94 | 38·53 | 41·47 | |
| | Murree ... | 12·85 | 35·76 | 14·24 | 15·60 | 3·40 | 33·70 | 37·10 | |
| Hazara. | **Abbott-abad** ... | **15·31** | **26·86** | **8·96** | **10·68** | **6·81** | **27·29** | **34·10** | Heavy rain; condition of crops good. Prices falling. No locusts. Water from water-cuts and irrigation channels sufficient. |
| | Mansáhra ... | 12·76 | 21·81 | 7·54 | 12·18 | 6·59 | 30·65 | 37·24 | |
| | Haripur ... | 10·95 | 18·05 | 6·11 | 8·54 | 3·60 | 20·43 | 24·23 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 1st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| PESHAWAR. | Sawábi ... | 6·86 | 9·71 | 3·45 | 6·63 | 5·43 | 12·52 | 17·95 | The condition of kharif crops on irrigated lands is good and that on unirrigated lands is also good. Cotton is not yet being collected. Water in canals sufficient. The Khalsa ilaqua of the Naushahra Tahsíl and part of Doába were visited by floods from hill torrents. |
| | Lahore (Utmán Bolak) | 8·95 | 9·61 | 3·58 | 10·74 | 1·90 | 14·41 | 16·31 | |
| | Naushahra ... | 7·40 | 9·12 | 2·86 | 3·16 | 3·93 | 7·33 | 11·26 | |
| | Mardán ... | 9·48 | 11·80 | 4·26 | 8·37 | 3·72 | 18·72 | 22·14 | |
| | Katlang ... | 7·43 | 8·84 | 3·16 | 6·02 | 4·07 | 13·10 | 17·17 | |
| | Hashtnagar ... | 6·00 | 6·83 | 2·29 | 5·82 | 1·53 | 9·54 | 11·07 | |
| | Doáb Daudzai ... | 6·92 | 7·61 | 2·31 | 4·15 | 2·00 | 6·58 | 8·58 | |
| | **Peshawar ...** | **5·82** | **6·56** | **2·08** | **2·20** | **1·66** | **5·60** | **7·26** | |
| KOHAT. | **Kohat ...** | **6·48** | **11·14** | **2·92** | **4·88** | **3·38** | **11·08** | **14·46** | There has been good rain throughout the district during the month and the sowings of kharif harvest have been completed. Prospects of crops both on irrigated and unirrigated lands promise exceedingly well. There is plenty of water in Toi. Locusts in considerable numbers have been observed in the district, but they have caused no damage to crops. Eggs deposited have been destroyed as far as possible. |
| | Hangu ... | ... | ... | ... | 6·80 | 2·70 | 14·70 | 17·40 | |
| | Thal ... | ... | ... | ... | 6·70 | 2·00 | 12·18 | 14·18 | |
| | Karak ... | ... | ... | ... | 5·61 | 2·46 | 17·14 | 19·60 | |
| BANNU. | Miánwáli ... | 2·95 | 8·15 | 2·96 | 0·46 | 0·38 | 0·65 | 1·03 | Kharif crops good. Price of wheat stationary. Locusts appeared and damaged the crops slightly. Every step has been adopted to destroy the eggs and young flights. |
| | Isa Khel ... | 3·13 | 6·88 | 2·52 | 1·72 | 2·18 | 2·97 | 5·15 | |
| | **Bannu ...** | **3·79** | **8·15** | **2·97** | **2·85** | **2·27** | **7·00** | **9·27** | |
| | Marwat ... | 4·72 | 10·21 | 3·81 | 2·61 | 3·98 | 6·19 | 10·17 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 31st August. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 31st August 1890. | Total. | Condition of crops and health of people. |
| D. I. KHAN. | Tánk ... | 1·45 | 4·53 | 1·23 | 3·57 | 0·97 | 8·36 | 9·33 | Condition of crops good. Fodder supply good. Prices stationary. |
| | Kuláchi ... | 2·26 | 4·58 | 1·53 | 1·53 | 0·98 | 7·45 | 8·43 | |
| | Dera I. Khan ... | 2·52 | 5·29 | 1·69 | 0·21 | 0·52 | 3·56 | 4·08 | |
| | Bhakkar ... | 2·98 | 4·58 | 1·36 | 2·44 | 0·65 | 5·76 | 6·41 | |
| | Leiah ... | 1·74 | 4·21 | 1·29 | 1·40 | 0·01 | 3·59 | 3·60 | |
| D. G. KHAN. | Sangarh ... | 1·42 | 3·75 | 1·14 | 0·34 | 0·30 | 3·08 | 3·38 | Except in the Pacha Circle the prospects of kharíf are gloomy owing to early failure of most of the inundation canals. Hill torrents have been doing good work during the month. |
| | Dera G. Khan ... | 1·86 | 4·82 | 1·36 | 0·88 | 0·46 | 1·58 | 1·04 | |
| | Fort Munro ... | 0·92 | 8·19 | 3·17 | 2·55 | ... | 0·62 | 9·62 | |
| | Jámpur ... | 1·88 | 3·44 | 0·93 | 1·19 | 0·69 | 1·33 | 2·02 | |
| | Rájánpur ... | 3·24 | 2·15 | 0·65 | 1·60 | ... | 2·07 | 2·07 | |
| MUZAFFARGARH. | Alipur ... | 2·30 | 5·95 | 2·42 | 0·93 | 0·10 | 1·73 | 1·83 | Condition of crops good in Alipur and average elsewhere. Most of the canals have supplied water throughout the month. |
| | Muzaffargarh ... | 1·37 | 3·87 | 1·46 | 1·26 | 0·61 | 4·06 | 4·67 | |
| | Sináwán ... | 1·28 | 3·40 | 1·40 | 1·74 | 1·19 | 2·41 | 3·60 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 23rd AUGUST 1890.

| No. | Districts. | Towns | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 3 | 6 | 9 | 10 | 7 | 3 | ... | ... | 7 | 1 | ... | 2 | 2 | ... | 2 | 33 | 37 |
| 2 | Hissar ... | Hansi ... | 12,656 | 4 | 3 | 7 | 6 | 1 | 5 | ... | ... | 3 | 2 | ... | 1 | 1 | 2 | 3 | 29 | 25 |
| 3 | Hissar ... | Bhiwani ... | 33,762 | 24 | 13 | 37 | 35 | 25 | 10 | ... | ... | 12 | 5 | ... | 18 | 11 | 2 | 13 | 57 | 54 |
| 4 | Hissar ... | Sirsa ... | 12,292 | 4 | 3 | 7 | 9 | 8 | 1 | ... | ... | 8 | ... | ... | 1 | 5 | ... | 5 | 30 | 38 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 7 | 7 | 14 | 9 | 4 | 5 | ... | ... | 5 | 2 | ... | 2 | 2 | 2 | 4 | 46 | 30 |
| 6 | Rohtak ... | Jhajjar ... | 11,650 | 6 | 8 | 14 | 5 | 4 | 1 | ... | ... | 3 | ... | ... | 2 | 4 | 1 | 5 | 63 | 22 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 6 | 12 | 18 | 15 | 9 | 6 | ... | ... | 9 | 2 | ... | 4 | 3 | 2 | 5 | 38 | 32 |
| 8 | Gurgaon ... | Palwal ... | 10,635 | 6 | 9 | 15 | 9 | 3 | 6 | ... | ... | 8 | 1 | ... | ... | 3 | 2 | 5 | 74 | 44 |
| 9 | Delhi ... | Delhi ... | 117,363 | 66 | 50 | 116 | 106 | 57 | 49 | ... | 1 | 49 | 8 | 1 | 47 | 22 | 15 | 37 | 52 | 47 |
| 10 | Delhi ... | " Suburbs ... | 52,882 | 28 | 17 | 45 | 36 | 15 | 21 | ... | ... | 21 | 3 | 1 | 11 | 2 | 5 | 7 | 44 | 35 |
| 11 | Delhi ... | Sonepat ... | 13,077 | 12 | 8 | 20 | 28 | 14 | 14 | 6 | ... | 16 | 1 | ... | 5 | ... | 5 | 5 | 80 | 112 |
| 12 | Karnal ... | Karnal ... | 23,133 | 7 | 7 | 14 | 30 | 19 | 11 | ... | ... | 10 | 7 | ... | 13 | 7 | 4 | 11 | 32 | 68 |
| 13 | Karnal ... | Kaithal ... | 14,754 | 5 | 3 | 8 | 11 | 4 | 7 | 3 | ... | ... | 3 | ... | 5 | 1 | 2 | 3 | 28 | 39 |
| 14 | Karnal ... | Panipat ... | 26,572 | 5 | 10 | 15 | 8 | 4 | 4 | ... | ... | 2 | ... | ... | 6 | 1 | 1 | 2 | 29 | 16 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 11 | 17 | 42 | 21 | 21 | 4 | 1 | 24 | 3 | ... | 10 | 3 | 2 | 5 | 33 | 82 |
| 16 | Umballa ... | Jagadhri ... | 12,300 | 4 | 7 | 11 | 17 | 8 | 9 | 4 | ... | 5 | 2 | ... | 6 | 1 | 1 | 2 | 46 | 72 |
| 17 | Umballa ... | Shahabad ... | 10,218 | 2 | 2 | 4 | 14 | 6 | 8 | 1 | .. | 6 | ... | ... | 7 | 5 | 2 | 7 | 20 | 71 |
| 18 | Umballa ... | Sadhaura ... | 10,794 | 3 | 2 | 5 | 73 | 34 | 39 | 26 | ... | 11 | 25 | ... | 11 | 3 | 3 | 6 | 24 | 353 |
| 19 | Umballa ... | Rupar ... | 10,326 | 2 | 1 | 3 | 4 | 1 | 3 | ... | ... | 2 | 1 | ... | 1 | ... | 1 | 1 | 15 | 20 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 5 | 4 | 9 | 10 | 2 | 8 | ... | 1 | 3 | 2 | ... | 4 | ... | 4 | 4 | 35 | 39 |
| 21 | Hoshiarpur... | Tanda and Urmar ... | 10,295 | 6 | 5 | 11 | 12 | 4 | 8 | ... | ... | 10 | 1 | ... | 1 | 1 | 4 | 5 | 56 | 61 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 26 | 22 | 48 | 25 | 17 | 8 | ... | ... | 10 | 3 | ... | 12 | 6 | 5 | 11 | 80 | 42 |
| 23 | Jullundur ... | " Suburbs ... | 11,474 | 7 | 7 | 14 | 15 | 6 | 9 | ... | ... | 5 | 1 | ... | 9 | 3 | 4 | 7 | 64 | 68 |
| 24 | Jullundur ... | Rahon ... | 11,736 | 4 | 1 | 5 | 7 | 5 | 2 | ... | ... | 5 | ... | ... | 2 | 2 | ... | 2 | 22 | 31 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 21 | 38 | 26 | 16 | 10 | ... | ... | 21 | 2 | ... | 3 | 6 | 2 | 8 | 45 | 31 |
| 26 | Ludhiana ... | Jagraon ... | 16,873 | 9 | 13 | 22 | 13 | 7 | 6 | ... | ... | 6 | 1 | 1 | 5 | 3 | 1 | 4 | 68 | 40 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 7 | 14 | 9 | 6 | 3 | ... | 1 | 6 | ... | ... | 2 | 4 | 1 | 5 | 35 | 22 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 23 | 27 | 50 | 22 | 9 | 13 | ... | ... | 6 | 4 | 1 | 11 | 6 | 8 | 14 | 81 | 36 |
| 29 | Mooltan ... | " Suburbs ... | 25,593 | 13 | 14 | 27 | 17 | 14 | 3 | ... | ... | 6 | 2 | ... | 9 | 7 | 1 | 8 | 55 | 35 |
| 30 | Jhang ... | Maghiana ... | ... | Returns not received. | | | | | | | | | | | | | | | | |
| 31 | Jhang ... | Chiniot ... | ... | Returns not received. | | | | | | | | | | | | | | | | |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 44 | 42 | 86 | 86 | 40 | 46 | ... | ... | 56 | 5 | 2 | 23 | 16 | 10 | 26 | 46 | 46 |
| 33 | | " Suburbs ... | 41,670 | 4 | 6 | 10 | 23 | 16 | 7 | ... | ... | 12 | 3 | 1 | 7 | 2 | 1 | 3 | 13 | 29 |
| 34 | | Kasur ... | 17,336 | 7 | 10 | 17 | 18 | 13 | 5 | ... | ... | 12 | 4 | ... | 2 | 3 | 1 | 4 | 51 | 54 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 72 | 73 | 145 | 186 | 92 | 94 | 24 | ... | 88 | 5 | 2 | 67 | 21 | 26 | 47 | 52 | 67 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 13 | 27 | 39 | 13 | 26 | ... | ... | 32 | ... | ... | 7 | 4 | 3 | 7 | 58 | 84 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 22 | 14 | 36 | 18 | 9 | 9 | ... | ... | 8 | 3 | 1 | 6 | 4 | 3 | 7 | 55 | 28 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 9 | 17 | 33 | 18 | 15 | ... | ... | 20 | 2 | ... | 11 | 4 | 3 | 7 | 47 | 92 |
| 39 | | Jalalpur ... | 12,839 | 8 | 5 | 13 | 17 | 8 | 9 | ... | ... | 10 | 2 | 1 | 4 | 1 | 2 | 3 | 53 | 69 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 10 | 15 | 25 | 32 | 15 | 17 | ... | ... | 15 | 5 | 1 | 11 | 2 | 5 | 7 | 57 | 73 |
| 41 | | Wazirabad ... | 16,462 | 7 | 9 | 16 | 18 | 8 | 10 | ... | ... | 10 | 1 | ... | 7 | 3 | 3 | 6 | 51 | 57 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 11 | 2 | 13 | 6 | 1 | 5 | ... | ... | 2 | ... | ... | 4 | ... | 2 | 2 | 45 | 21 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 4 | 6 | 6 | 5 | 1 | ... | ... | 4 | 1 | ... | 1 | 2 | ... | 2 | 19 | 19 |
| 44 | | Pind Dadan Khan ... | 16,724 | 5 | 4 | 9 | 6 | 2 | 4 | ... | ... | 4 | 2 | ... | ... | ... | ... | ... | 28 | 19 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 8 | 8 | 16 | 25 | 12 | 13 | ... | ... | 17 | ... | ... | 8 | 1 | 5 | 6 | 30 | 47 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 21 | 23 | 44 | 31 | 13 | 18 | ... | ... | 24 | ... | ... | 7 | 3 | 6 | 9 | 39 | 27 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 4 | 11 | 9 | 2 | 7 | ... | ... | 7 | ... | ... | 2 | ... | 1 | 1 | 43 | 35 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 3 | 3 | 6 | 9 | 3 | 6 | ... | ... | 6 | 2 | ... | 1 | 2 | 3 | 5 | 16 | 25 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 2 | 8 | 10 | 7 | 1 | 6 | ... | ... | 5 | ... | ... | 2 | ... | ... | ... | 27 | 19 |
| | Birth and death rate of London for the week ending 2nd August 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·2 | 19·8 |
| | Grand Total ... | | 1,288,025 | 572 | 552 | 1,124 | 1,192 | 601 | 591 | 68 | 4 | 611 | 117 | 12 | 380 | 182 | 156 | 338 | 46 | 48 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... ... | | 12,305 | 2 | 1 | 3 | 13 | 11 | 2 | ... | ... | 5 | ... | ... | 8 | 1 | ... | 1 | 13 | 55 |
| | Dharmsala ... ... ... ... | | 3,839 | 1 | 1 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 | ... |
| | Dalhousie ... ... ... ... | | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... ... ... ... | | 2,489 | ... | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 21 |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

Sanitary Commissioner's Office,
Lahore:
*The 13th September 1890.*

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 23rd August 1890.*

*General results.*—The return is incomplete, the registers for the district of Jhang not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 12,885 against 11,443 in the previous week and 9,294 in the corresponding week of the past year, giving respectively an annual death-rate of 36·4, 32·3 and 26·3 per 1,000 of population. The registered death-rate for the week under review was 4·1 per 1,000 greater than the rate for the previous week, and was 10·5 per 1,000 greater than the average rate for the corresponding week of the five years 1885—1889.

*Cholera.*—There were 254 deaths registered under the head of cholera against 191 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... ... | Rural Circles ... ... ... ... | 16 |
| Delhi ... ... ... | Sonepat Town ... ... ... ... | 6 |
| Do ... ... ... | Rural Circle ... ... ... ... | 3 |
| Karnal ... ... ... | Kaithal Town ... ... ... ... | 3 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 25 |
| Umballa ... ... ... | Umballa Town ... ... ... ... | 4 |
| Do. ... ... ... | Jagadhri Town ... ... ... ... | 4 |
| Do. ... ... ... | Shahabad Town ... ... ... ... | 1 |
| Do. ... ... ... | Thanesar Town ... ... ... ... | 1 |
| Do. ... ... ... | Sadhaura Town ... ... ... ... | 26 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 60 |
| Kangra ... ... ... | Kangra Town ... ... ... ... | 15 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 45 |
| Montgomery ... ... ... | Rural Circle ... ... ... ... | 1 |
| Lahore ... ... ... | Chunian Town ... ... ... ... | 2 |
| Do. ... ... ... | Patti Town ... ... ... ... | 1 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 9 |
| Amritsar ... ... ... | Amritsar Town ... ... ... ... | 24 |
| Gurdaspur ... ... ... | Pathankot Town ... ... ... ... | 1 |
| Do. ... ... ... | Sujanpur Town ... ... ... ... | 7 |
| | Total ... | 254 |

*Small-pox.*—From small-pox 102 deaths were registered against 108 in the previous week and 60 in the corresponding week of the past year.

*Fevers.*—From fevers there were 8,964 deaths against 7,781 in the previous week and 6,053 in the corresponding week of the past year. There were 1,183 more deaths registered under fevers than in the previous week. The increased mortality under this head was greatest in the districts of Umballa, Ludhiana, Amritsar, Gurdaspur, Sialkot, Gujrat, Gujranwala and Rawalpindi.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 471 deaths against 400 in the previous week and 394 in the corresponding week of the past year registered under head of bowel complaints.

*Chest disease.*—Five hundred and one against 521 and 470.

*Snake-bite.*—Fifty-six against 50 and 57.

*Hydrophobia.*—Three against 2 and 1.

*All other causes.*—Two thousand five hundred and thirty-four against 2,390 in the previous week and 2,024 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand five hundred and ninety-four deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 1,919 were males and 1,675 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 1,192 deaths were registered (601 males and 591 females), giving a death-rate of 48 per mille of population; 1,124 births were registered (572 males and 552 females), giving a birth-rate of 46 per mille of population. The registered death-rate of the 47 large Municipalities was 13·9 per 1,000 greater than the average rate for the corresponding week of the five years 1885—1889. The mortality of Sadhaura in the Umballa District was at the enormous rate of 353 per 1,000. The mortality of Sonepat in the Delhi District was at the annual rate of 112 per 1,000.

LAHORE :
*The 13th September 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during August 1890. | | | |
|---|---|---|---|---|
| | *Depth in Canal at regulating gauge.* | | *Gross consumption, cubic feet per second.* | |
| | Full supply. | Actual throughout. | Estimated full supply. | Actual average throughout. |
| **PERENNIAL CANALS.** | | | | |
| SWAT RIVER CANAL ... ... ... ... ... | 6·5 | 4·7 | 720 | 496 |
| Total Swat River Canal ... ... | ... | ... | 720 | 496 |
| Corresponding period of last year ... | ... | ... | 720 | 613 |
| **WESTERN JUMNA CANAL.** | | | | |
| At Dádúpur ... ... ... ... ... ... | 4·33 | 3·1 | 2,557 | 1,642 |
| Main Line Rájbahas ... ... ... ... ... | ... | ... | ... | 131 |
| Hánsi Branch ... ... ... ... ... ... | ... | ... | ... | 747 |
| Delhi Branch ... ... ... ... ... ... | ... | ... | ... | ... |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | } 764 |
| Loss by absorption ... ... ... ... ... | ... | ... | ... | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 1,642 |
| Corresponding period of last year ... | ... | ... | 2,546 | 1,637 |
| **BARI DOAB CANAL.** | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 5·46 | } 3,074 | 1,748 |
| 2nd " Main Branch Lower ... ... ... ... | 4·6 | 3·19 | | 233 |
| 3rd " " " " ... ... ... ... | 3·35 | 3·06 | | 1,025 |
| 2nd " Lahore Branch ... ... ... ... | ... | ... | ... | 601 |
| Passed through Escapes ... ... ... ... ... | | | | 336 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 3,943 |
| Corresponding period of last year ... | ... | ... | 3,074 | 3,836 |
| **SIRHIND CANAL.** | | | | |
| Main Line ... ... ... ... ... ... | 7·6 | 5·43 | 4,500 | 2,597 |
| Abohar Branch ... ... ... ... ... | 5·26 | 4·19 | 1,530 | 1,060 |
| Bhatinda Branch ... ... ... ... ... | 6·08 | 4·82 | 1,350 | 797 |
| Feeders ... ... ... ... ... ... | 6·73 | 4·46 | 1,620 | 740 |
| Total Sirhind Canal ... ... | ... | ... | 4,500 | 2,597 |
| Corresponding period of last year ... | ... | ... | 4,500 | 3,102 |
| CHENAB CANAL... ... ... ... ... ... | 7·0 | 3·5 | 1,800 | 549·0 |
| Corresponding period of last year ... | ... | ... | ... | ... |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*f* 1890 *up to* 31*st August* 1890.

| LAND IRRIGATED (APPROXIMATE). | | RAINFALL. | | | CHIEF CROPS (APPROXIMATE). | | REMARKS. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Peshávar ... | 10,688 | 10 | 3·06 | 8·25 | Sugar-cane ...<br>Rice ...<br>Cotton ...<br>Others ...<br>Miscellaneous | 1,017<br>3,128<br>4,297<br>213<br>2,033 | The area shown only includes the early kharif crops. The 2nd and chief sowings only commenced about the middle of July and the measurement has not been recorded. There was such heavy rain in July that little irrigation was done till the end of the month when it recommenced. |
| ... | 10,688 | ... | ... | ... | ... | 10,688 | |
| ... | 20,064 | ... | ... | ... | ... | 20,064 | |
| Umballa ...<br>Kalsia ...<br>Karnál ...<br>Rohtak ...<br>Delhi ...<br>Hissar ...<br>Bikaner ... | 1,685<br>1,065<br>34,835<br>44,338<br>38,553<br>37,086<br>194 | 20<br>...<br><br>20<br><br><br>... | 10·7<br>...<br>8·3<br>6·0<br>9·4<br>5·6<br>... | 20·20<br>...<br>10·40<br>8·10<br>11·00<br>1·51<br>... | Sugar-cane ...<br>Rice ...<br>Cotton ...<br>Indigo ...<br>Others ... | 51,736<br>31,985<br>49,372<br>10,186<br>14,477 | Owing to the very heavy rainfall in former half of the month, there was no demand during the month, except in the Hissar District, and the canal was mainly fed with drainage water. |
| ... | 157,756 | ... | ... | ... | ... | 157,756 | |
| ... | 143,281 | ... | ... | ... | ... | 143,281 | |
| Gurdáspur ...<br>Amritsar ...<br>Lahore ... | 23,147<br>61,851<br>87,472 | 26<br>23<br>23 | 7·32<br>7·77<br>4·87 | 3·90<br>8·42<br>6·06 | Sugar-cane ...<br>Rice ...<br>Cotton ...<br>Others ... | 13,380<br>35,710<br>34,542<br>88,838 | The canal was closed 9 days for silt clearance of the inlet channel at Mádhopur Compared with the corresponding period of last year, there is a satisfactory increase of 11,913 acres under rice and 12,186 acres under cotton, but a decrease of 3,195 acres under sugar-cane and 21,067 under others, the resulting irrigated area being only 163 acres short of last year and 13,705 acres short of the best on record (1888-89). Should pull up in September. Supply sufficient for the moderate demand. Rainfall above average in Amritsar and Lahore Districts. |
| ... | 172,470 | ... | ... | ... | ... | 172,470 | |
| ... | 172,633 | ... | ... | ... | ... | 172,633 | |
| Ludhiána ...<br>Ferozepore ...<br>Hissar ...<br>Farídkot ...<br>Patiála ...<br>Nábha ...<br>Jínd ...<br>Kalsia ... | 6,251<br>66,328<br>1,212<br>7,824<br>11,941<br>3,822<br>255<br>226 | 8<br><br>...<br>...<br>...<br>...<br>...<br>... | 8·8<br>4·6<br>...<br>...<br>...<br>...<br>...<br>... | 4·80<br>4·28<br>...<br>...<br>...<br>...<br>...<br>... | Sugar-cane ...<br>Rice ...<br>Cotton ...<br>Indigo ...<br>Others ... | 1,053<br>5<br>13,625<br>40<br>83,136 | Up to the 20th of the month there was very little demand, except in the Ferozepore Division, but it gradually rose towards the close of the month and became general over the canal. |
| ... | 97,859 | ... | ... | ... | ... | 97,859 | |
| ... | 72,358 | ... | ... | ... | ... | 72,358 | |
| Gujránwála ... | 30,902 | 5 | 7·39 | 4·16 | Sugar-cane ...<br>Cotton ...<br>Rice ...<br>Others ...<br>Miscellaneous | 1,403<br>6,271<br>9,946<br>2,631<br>10,651<br>30,902 | Good rain fall, but little demand. Heavy silt deposit occurred and the canal was closed on the 21st and re-opened on the 3rd September. |
| ... | 22,740 | ... | ... | ... | ... | 22,740 | |
| ... | 469,675 | ... | ... | ... | ... | 469,675 | |
| ... | 431,076 | ... | ... | ... | ... | 431,076 | |

*Irrigation Operations of Fasl Kharí*

| Canal Division. | Water distributed during August 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **INUNDATION CANALS.** | | | | |
| Lower Sohag Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... | 6 | 3·8 | 1,072 | 773 |
| Corresponding period of last year ... | ... | ... | 1,072 | 338 |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | |
| Perennial Canals. | | | | |
| Swat River Canal ... ... ... ... ... | ... | ... | ... | ... |
| Western Jumna Canal ... ... ... ... ... | ... | ... | ... | ... |
| Bári Doáb Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sirhind Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Chenab Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| Inundation Canals. | | | | |
| Lower Soháy Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

LAHORE:
*The 15th September* 1890.

*of* 1890 *up to* 31*st August* 1890—concluded.

| LAND IRRIGATED (APPROXIMATE). | | RAINFALL. | | | CHIEF CROPS (APPROXIMATE). | | REMARKS. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Montgomery ... | 37,941 | Gauge erected at Kalewal in December 1889. | | 1·68 | ... | 37,941 | Decrease of 418 acres as compared with last year is due to smaller supply in canal, due to the river being lower than last year. |
| ... | 38,359 | ... | ... | ... | ... | 38,359 | |
| Mooltan ... | 52,395 | 27 | 1·31 | 0·73 | Sugar-cane ...<br>Cotton ...<br>Rice ...<br>Indigo ...<br>Miscellaneous | 44<br>5,372<br>930<br>350<br>45,699 | Notwithstanding that the supply has been unequal to the demand owing to the heavy silting at head of canal, the irrigation done has been satisfactory and the total area on the Sidhnai Canal is 4,492 acres in excess of that shown for the same month last year. Adding the Koranga Canal irrigation, 2,020 acres, there is a total increase of 6,512 acres. During the last week of the month the cessation of the floods allowed of silt being gradually scoured out and a good supply is anticipated for September. |
| | | | | | | 52,395 | |
| ... | 45,883 | ... | ... | ... | ... | 45,883 | |
| Lahore ... | 14,414 | 20 | 3·60 | 2·40 | ... | 14,414 | |
| Montgomery... | 58,817 | ... | ... | ... | ... | 58,817 | |
| Mooltan ... | 231,396 | 27 | 1·15 | 1·74 | ... | 231,396 | |
| Dera Ghâzi Khan | 120.790 | 10 | 1·48 | 0·88 | ... | 120,790 | |
| Muzaffargarh ... | 146,079 | 5 | 1·38 | 0·78 | ... | 146,079 | |
| ... | 661,832 | ... | ... | ... | ... | 661,832 | |
| ... | 715,069 | ... | ... | ... | ... | 715,069 | |
| ... | 10,688 | ... | ... | ... | ... | 10,688 | |
| ... | 157,756 | ... | ... | ... | ... | 157,756 | |
| ... | 172,470 | ... | ... | ... | ... | 172,470 | |
| ... | 97,859 | ... | ... | ... | ... | 97.859 | |
| ... | 30,902 | ... | ... | ... | ... | 30,902 | |
| ... | 469,675 | ... | ... | ... | ... | 469,675 | |
| ... | 37,941 | ... | ... | ... | ... | 37.941 | |
| ... | 52,395 | ... | ... | ... | ... | 52,395 | |
| ... | 73,231 | ... | ... | ... | ... | 73,231 | |
| ... | 231,396 | ... | ... | ... | ... | 231,396 | |
| ... | 120,790 | ... | ... | ... | ... | 120,790 | |
| ... | 146,079 | ... | ... | ... | ... | 146,079 | |
| ... | 661,832 | ... | ... | ... | ... | 661,832 | |
| ... | 1,131,507 | ... | ... | ... | ... | 1,131,507 | |
| ... | 1,146,145 | ... | ... | ... | ... | 1,146,145 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rajpura-Bhatinda Railway, during the month of July 1890, as compared with the same month of the previous year, prescribed in P. W. D. Circular No. XVII R. of 9th July 1883.*

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 363 | 110 | ... | 253 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and coke ... | 726 | 1,265 | 539 | ... | |
| 3 | Cotton, raw ... | 501 | 562 | 61 | ... | |
| 4 | Cotton, manufactured ... | 1,840 | 2,063 | 223 | ... | |
| 5 | Drugs and medicines ... | 545 | 541 | ... | 4 | |
| 6 | Dyeing materials ... | 398 | 560 | 162 | ... | |
| 7 | Fibrous products ... | 1,649 | 1,763 | 114 | ... | |
| 8 | Fruits and nuts ... | 275 | 479 | 204 | ... | |
| 9 | Grain and pulses— | | | | | |
| | (a) Wheat ... | 46,789 | 56,256 | 9,467 | ... | |
| | (b) Gram ... | 3,012 | 6,842 | 3,830 | ... | |
| | (c) Other grain ... | 8,814 | 7,058 | ... | 1,756 | |
| 10 | Hides and horns ... | 628 | 492 | ... | 136 | |
| 11 | Leather and manufactures of leather. | 193 | 187 | ... | 6 | |
| 12 | Liquors ... | 684 | 779 | 95 | ... | |
| 13 | Metals and manufactures of metals. | 2,149 | 2,044 | ... | 105 | |
| 14 | Military stores ... | 842 | 735 | ... | 107 | |
| 15 | Oils ... | 849 | 879 | 30 | ... | |
| 16 | Provisions—Ghee, &c. ... | 1,381 | 1,711 | 330 | ... | |
| 17 | Railway materials ... | 10,008 | 5,175 | ... | 4,833 | |
| 18 | Salt ... | 7,341 | 6,067 | ... | 1,274 | |
| 19 | Saltpetre ... | 76 | 63 | ... | 13 | |
| 20 | Seeds ... | 8,671 | 4,658 | ... | 4,013 | |
| 21 | Silk ... | 33 | 30 | ... | 3 | |
| 22 | Spices ... | 338 | 259 | ... | 79 | |
| 23 | Stone, kunkur, lime and bricks... | 3,540 | 6,278 | 2,738 | ... | |
| 24 | Sugar ... | 3,148 | 3,326 | 178 | ... | |
| 25 | Tea ... | 145 | 99 | ... | 46 | |
| 26 | Tobacco ... | 581 | 753 | 172 | ... | |
| 27 | Wood— | | | | | |
| | (a) Timber ... | 1,852 | 1,978 | 126 | ... | |
| | (b) Fire-wood ... | 1,800 | 1,867 | 67 | ... | |
| 28 | Wool ... | 687 | 647 | ... | 40 | |
| 29 | All other articles of merchandize | 4,312 | 4,812 | 500 | ... | |
| | | No. | No. | No. | No. | |
| | Total ... Animals ... | 363 | 110 | ... | 253 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... Goods ... | 113,807 | 120,228 | 6,421 | ... | |

LAHORE:
*The 8th September 1890.*

C. A. R. BROWNE, CAPTAIN, R. E.,
for *Examiner of Accounts.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of July* 1890 *as compared with the same month of the previous year.*

| | Staples. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 1,220 | 629 | 591 | ... |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 556 | 1,047 | ... | 491 |
| | Do., intermediate and halfpressed ... | 11 | 6 | 5 | ... |
| | Do., unpressed ... | 173 | 191 | ... | 18 |
| III | Cotton twist and yarn ... | 451 | 233 | 218 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 1,136 | 1,075 | 61 | ... |
| | (2) Indian ... | 561 | 404 | 157 | ... |
| V | Drugs and medicines ... | 19 | 16 | 3 | ... |
| VI | Dye roots and colours ... | 175 | 191 | ... | 16 |
| VII | Firewood ... | 398 | 1,031 | ... | 633 |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 8,506 | 11,798 | ... | 3,292 |
| | (2) Other grains ... | 13,545 | 11,348 | 2,197 | ... |
| IX | Hay and grass ... | 18 | 41 | ... | 23 |
| X | Hides and skins ... | 320 | 442 | ... | 122 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 24 | 86 | ... | 62 |
| | (2) Gunny bags ... | 574 | 752 | ... | 178 |
| XII | Leather manufactured ... | 30 | 21 | 9 | ... |
| XIII | Liquors, wines, spirits and beer ... | 283 | 173 | 110 | ... |
| XIV | Machinery ... | 99 | 72 | 27 | ... |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,219 | 1,182 | 37 | ... |
| | (2) Brass and Copper ... | 244 | 283 | ... | 39 |
| | (3) Zinc and Spelter ... | 183 | 48 | 135 | ... |
| | (4) Lead ... | 7 | 120 | ... | 113 |
| | (5) Others ... | 473 | 10 | 463 | ... |
| XVI | Military Stores ... | 150 | 415 | ... | 265 |
| XVII | Mowra flowers and seeds ... | 131 | 226 | ... | 95 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 245 | 284 | ... | 39 |
| | (2) Others ... | 148 | 127 | 21 | ... |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 228 | 605 | ... | 377 |
| | (2) Rape seed ... | 244 | 9,435 | ... | 9,191 |
| | (3) Other oil seeds ... | 1,189 | 1,792 | ... | 603 |
| XX | Opium ... | 151 | 123 | 28 | ... |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 397 | 316 | 81 | ... |
| | (2) Dried Fruits and Nuts ... | 206 | 143 | 63 | ... |
| | (3) Cocoanuts ... | 183 | 228 | ... | 45 |
| | (4) Oilman stores ... | 10 | 9 | 1 | ... |
| | (5) Fruits, green, and vegetables... | 462 | 376 | 86 | ... |
| | (6) Others ... | 180 | 75 | 105 | ... |
| XXII | Railway material and rolling stock ... | 8,753 | 6,368 | 2,385 | ... |
| XXIII | Salt ... | 17,468 | 14,021 | 3,447 | ... |
| XXIV | Saltpetre ... | 462 | 413 | 49 | ... |
| XXV | Silk, raw and manufactured ... | 11 | 28 | ... | 17 |
| XXVI | Spices ... | 155 | 115 | 40 | ... |
| XXVII | Sugar and jagri ... | 3,268 | 2,312 | 956 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 397 | 207 | 190 | ... |
| | (2) Others ... | 928 | 737 | 191 | ... |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 9 | 13 | ... | 4 |
| | (2) Indian ... | 7 | 8 | ... | 1 |
| XXX | Timber ... | 623 | 704 | ... | 81 |
| XXXI | Tobacco ... | 849 | 707 | 142 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 89 | 155 | ... | 66 |
| | (2) Piece-goods, woollen ... | 7 | 91 | ... | 84 |
| XXXIII | All other articles ... | 4,560 | 5,132 | ... | 572 |
| | Total ... | 71,735 | 76,364 | 11,798 | 16,427 |
| | *Net* Decrease ... | ... | ... | ... | 4,629 |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 20th August* 1890.

J. W. FORDHAM,

*Acting Chief Auditor and Accountant.*

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF JULY 1890.

| MONTH. | DOCUMENTS REGISTERED. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | REMARKS. |
|---|---|---|---|---|---|---|
| | Compulsory. | *Optional.* | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| July 1890 ... ... ... | 6,950 | 1,046 | 1,040 | 25,183 | 6,577 | |
| July 1889 ... ... ... | 7,286 | 1,240 | 1,014 | 26,828 | 6,360 | |
| Difference ... ... | — 336 | — 194 | + 26 | — 1,645 | + 217 | |
| First 4 months of 1890-91... ... | 26,327 | 3,858 | 3,587 | 95,460 | 25,793 | |
| First 4 months of 1889-90... ... | 24,072 | 3,842 | 3,425 | 88,392 | 27,134 | |
| Difference ... ... | + 2,255 | + 16 | + 162 | + 7,068 | — 1,341 | |

OFFICE OF INSPECTOR-GENERAL OF REGISTRATION, PUNJAB,
LAHORE :
*The* 31*st August* 1890.

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—18-9-90—690.

No. 39. of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 25, 1890.

## PART I.

## STATISTICAL.

WEATHER AND CROP REPORT FOR WEEK ENDING 23rd SEPTEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Sufficient. | Rising. | Crops suffering from want of rain. | ... |
| 2 | Delhi ... | 1·90 at Sadr. 2·53 in Sonipat. 0·08 in Ballabgarh. | ... | Fluctuating. | ... | ... |
| 3 | Umballa ... | ... | ... | Stationary. | Harvesting in progress. | ... |
| 4 | Jullundur ... | ... | Insufficient. | Do. | Rain much wanted. Condition of standing crops average. | ... |
| 5 | Ferozepore ... | ... | Ample. | Do. | Crops suffering for want of rain. | ... |
| 6 | Amritsar ... | ... | Sufficient. | Do. | Condition of crops average owing to want of rain. | Ploughings in progress. |
| 7 | Siálkot ... | ... | Abundant. | Do. | Prospects good. | Gram and tori being sown. |
| 8 | Lahore ... | ... | Sufficient. | Do. | Prospects of standing crops in sailáb and low lands good, but those on high lands are in some places withering for want of rain. | Ploughings for rabi crops in progress. Rain wanted for sarson and gram sowings on high land. |
| 9 | Mooltan ... | ... | ... | Do. | Canals almost all dry. Some water in Sidhnai. | ... |
| 10 | Ráwalpindi ... | 0·09 at Ráwalpindi. 0·20 in Murree. 0·40 in Gujar Khan. 0·63 in Kahúta. | Sufficient. | Falling. | Prospects average. | ... |
| 11 | Shahpur ... | ... | Do. | Stationary. | Crops in fair condition. | Turnips and gram being sown. Rain wanted. |
| 12 | D. I. Khan ... | ... | Do. | Do. | Condition of crops good. | Sowings commenced. |
| 13 | Pesháwar ... | ... | Do. | Do. | Condition of crops average. | ... |

*GENERAL REMARKS.*

Rain has fallen in Delhi and Ráwalpindi Districts. Prices unsettled in Delhi; rising in Hissar; falling in Ráwalpindi; stationary elsewhere. Harvesting of kharif crops commenced. Ploughings and sowings of rabi crops in progress. Condition of crops is said to be good to average. Crops suffering for want of rain in most districts. Fodder insufficient in Jullundur, ample in Ferozepore; abundant in Siálkot and sufficient elsewhere.

PESTONJI, *Supdt.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 17th August 1890.* | | | | | | | | |
| | | | Monday 11th. | Tuesday 12th. | Wednesday 13th. | Thursday 14th. | Friday 15th | Saturday 16th | Sunday 17th. | | |
| Ludhiana. | Samrala ... | 7th August ... | ... | ... | 0·12 | 2·54 | ... | ... | ... | 2·66 | |
| Amritsar. | Ajnala ... | 9th August .. | ... | ... | 0·57 | 1·00 | 0·13 | ... | ... | 1·70 | |
| | | | *Week ending 31st August 1890.* | | | | | | | | |
| | | | Monday 25th. | Tuesday 26th. | Wednesday 27th. | Thursday 28th. | Friday 29th. | Saturday 30th. | Sunday 31st. | | |
| Lahore. | Niáz Beg *C* ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buggeh *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál ... | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 7th September 1890.* | | | | | | | | |
| | | | Monday 1st. | Tuesday 2nd. | Wednesday 3rd. | Thursday 4th | Friday 5th. | Saturday 6th. | Sunday 7th. | | |
| Hazara. | Abbott-abad ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushara ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 14th SEPTEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of September 1890. Monday 8th. | Tuesday 9th. | Wednesday 10th. | Thursday 11th. | Friday 12th. | Saturday 13th. | Sunday 14th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | Ditto | ... | ... | ... | ... | ... | 0·24 | 0·11 | 0·35 | |
| | Hissar s | 5th August | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Hánsi | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | Ditto. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | 17th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa s | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra C | 15th Do. | ... | ... | ... | ... | 0·32 | ... | ... | 0·32 | |
| | Jhodhpur C | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki C | 13th Do. | ... | ... | ... | ... | 0·36 | ... | ... | 0·36 | |
| | Dádupur C | 14th Do. | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| Simla. | Kasauli s | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla s | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba s | 30th August | ... | ... | 0·05 | 0·03 | ... | ... | ... | 0·08 | |
| Kangra. | Plách | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kulu s | Ditto | ... | ... | ... | 0·16 | 0·08 | ... | ... | 0·24 | |
| | Nagar | 29th August | ... | ... | ... | ... | 0·27 | ... | ... | 0·27 | |
| | Pálampur | 31st Do. | ... | ... | ... | 0·01 | 0·18 | ... | ... | 0·19 | |
| | Hamírpur | Ditto | ... | ... | ... | R. | ... | ... | 0·10 | 0·10 | |
| | Dera | Ditto | ... | ... | ... | ... | 0·07 | ... | ... | 0·07 | |
| | Kángra | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála s | 31st Do. | ... | ... | ... | 0·10 | 0·08 | ... | ... | 0·18 | |
| | Núrpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Hoshiarpur. | Dasúya | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of September* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 8th. | Tuesday 9th. | Wednesday 10th. | Thursday 11th. | Friday 12th. | Saturday 13th. | Sunday 14th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *s* | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiána. | Samrála | 22nd August | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Ludhiána *s* | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore City | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 7th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 5th Do. | ... | ... | ... | 0·38 | ... | ... | ... | 0·38 | |
| | Gobindgarh *C* | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* *b* | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore *s* | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* *b* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* *b* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* | 16th Do. | ... | ... | ... | 0·04 | ... | ... | ... | 0·04 | |
| | Jandiála *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital *s* | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál *C* | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler *C* | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdaspur *s* | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie *s* | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mádhopur *C* *b* | Ditto | ... | ... | ... | 0·37 | ... | ... | ... | 0·37 | |
| | Shakargarh | Ditto | ... | ... | ... | ... | ... | 0·06 | ... | 0·06 | |
| Siálkot. | Zafarwál | 1st September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 2nd September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot *s* | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of September 1890. | | | | | | | Total. | Special Remarks. |
| | | | Monday 8th. | Tuesday 9th. | Wednesday 10th. | Thursday 11th | Friday 12th. | Saturday 13th. | Sunday 14th. | | |
| Gujrat. | Sadr s | 1st September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujrát ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián ... | Ditto | ... | ... | ... | 0·12 | ... | ... | ... | 0·12 | |
| | Phália ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | Prospects of crops good. Rabi sowings in progress. Fodder ample. Prices stationary. Rain wanted. |
| | Wazirabad ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh s | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | Ditto | ... | ... | ... | 0·11 | ... | ... | ... | 0·11 | |
| Rawalpindi. | Pindigheb ... | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi s | 30th Do. | ... | ... | 0·47 | ... | ... | ... | ... | 0·47 | |
| | Gujar Khan ... | 31st Do. | ... | ... | 0·45 | ... | ... | ... | ... | 0·45 | |
| | Kahúta ... | 30th Do. | ... | ... | 0·67 | ... | ... | ... | ... | 0·67 | |
| | Murree s | 29th Do. | ... | ... | 0·40 | ... | ... | ... | ... | 0·40 | |
| Hazara. | Abbott-abad s | 31st August | ... | ... | R. | R. | ... | ... | ... | ... | |
| | Mansahra ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Haripur ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Peshawar. | Sawábi ... | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang ... | 6th September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar s | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát s | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bannu. | Miánwáli ... | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 1st September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk ... | 1st September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh ... | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan s | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 22nd Do. | ... | ... | ... | ... | ... | R. | ... | ... | |
| | Rájanpur ... | 12th Do. | ... | ... | ... | ... | ... | ... | R. | ... | |
| Muzaffargarh. | Alipur ... | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,
*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 6th July* 1890.

Against Gulah (Karnál District) *read* in column 11, 0·95 *for* 2·95.

Against Plách (Kángra District) omit from columns 8 and 9, 0·35 and 1·67 and insert 0·12 and 0·36 respectively, and in column 11 *for* 2·69 *read* 1·15.

*For the week ending 13th July* 1890.

Against Dharmsála (Kángra District) insert in column 4, 0·34 instead of 6·34, and in column 11 *for* 11·14 *read* 5·14.

*For the week ending 20th July* 1890.

Against Kulu (Kángra District) omit from column 8, 0·06, and *read* in columns 9 and 11, 0·06 and 1·07 *for* 0·[illegible] ... respectively.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICT. | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 17 | 19 | 23 | 25 | 30 | ... | ... | ... | 10 | 10 | 10 | 20 | 20 | 24 | 19 | 22 | 22 |
| Rohtak ... | 17 | 17 | 18 | 21 | 21 | 23 | ... | ... | ... | 10 | 10 | 9 | 19 | 18 | 26 | 17 | 17 | 22 |
| Gurgaon ... | 17 | 16 | 18 | 19 | 20 | 28 | ... | ... | ... | 10 | 10 | 9 | 19 | 20 | 25 | 17 | 19 | 23 |
| Delhi ... | 16 | 16 | 18 | 19 | 21 | 24 | ... | ... | ... | 13 | 13 | 10 | 20 | 20 | 24 | 15 | 17 | 20 |
| Karnál ... | 17 | 18 | 18 | 24 | 24 | 27 | ... | ... | ... | 11 | 11 | 9 | 22 | 22 | 20 | 16 | 16 | 16 |
| Umballa ... | 17 | 19 | 20 | 22 | 24 | 26 | ... | ... | ... | 11 | 12 | 10 | 23 | 26 | 20 | 18 | 18 | 16 |
| Simla ... | 11 | 10 | 14 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 15 | 13 | 15 | 14 | 14 | 11 |
| Kángra ... | 17 | 17 | 19 | 25 | 23 | 28 | ... | ... | ... | 12 | 13 | 11 | 13 | 13 | 14 | 10 | 10 | 16 |
| Hoshiárpur ... | 20 | 21 | 22 | 27 | 28 | 33 | ... | ... | ... | 10 | 10 | 10 | 29 | 27 | 28 | 20 | 20 | 20 |
| Jullundur ... | 19 | 21 | 22 | 24 | 30 | 32 | ... | ... | ... | 8 | 8 | 8 | 22 | 24 | 26 | 19 | 22 | 20 |
| Ludhiána ... | 19 | 19 | 23 | 27 | 24 | 37 | ... | ... | ... | 12 | 13 | 10 | 27 | 24 | 28 | 22 | 21 | 20 |
| Ferozepore ... | 19 | 20 | 20 | 26 | 30 | 37 | ... | ... | ... | 10 | 10 | 9 | 28 | 26 | 26 | 22 | 24 | 23 |
| Mooltan ... | 16 | 16 | 16 | 27 | 27 | 26 | ... | ... | ... | 12 | 12 | 10 | 24 | 25 | 26 | 22 | 21 | 20 |
| Jhang ... | 18 | 18 | 20 | 26 | 25 | 31 | ... | ... | ... | 9 | 9 | 8 | 16 | 18 | 24 | 16 | 16 | 16 |
| Montgomery... | 18 | 18 | 18 | 23 | 24 | 28 | ... | ... | ... | 10 | 10 | 10 | 16 | 16 | 20 | 16 | 16 | 15 |
| Lahore ... | 18 | 19 | 19 | 26 | 27 | 32 | ... | ... | ... | 10 | 10 | 9 | 25 | 27 | 29 | 20 | 20 | 16 |
| Amritsar ... | 19 | 19 | 21 | 26 | 26 | 31 | ... | ... | ... | 12 | 11 | 10 | 24 | 24 | 25 | 16 | 16 | 15 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 24 | 24 | 18 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 22 | 29 | 29 | 40 | ... | ... | ... | 13 | 13 | 10 | 30 | 30 | 30 | 28 | 25 | 26 |
| Gujrát ... | 21 | 21 | 23 | 28 | 28 | 34 | ... | ... | ... | 11 | 11 | 10 | 27 | 26 | 26 | 24 | 26 | 24 |
| Gujránwála ... | 20 | 20 | 21 | 31 | 30 | 38 | ... | ... | ... | 14 | 14 | 10 | 26 | 27 | 27 | 24 | 24 | 20 |
| Shahpur ... | 20 | 20 | 24 | 26 | 26 | 35 | ... | ... | ... | 10 | 10 | 9 | 25 | 25 | 22 | 26 | 24 | 26 |
| Jhelum ... | 21 | 22 | 24 | 28 | 30 | 32 | ... | ... | ... | 10 | 10 | 10 | 25 | 26 | 25 | 24 | 25 | 24 |
| Ráwalpindi ... | 20 | 21 | 22 | 32 | 36 | 40 | ... | ... | ... | 9 | 9 | 11 | 45 | 42 | 40 | 30 | 29 | 21 |
| Hazára ... | 21 | 21 | 22 | 34 | 36 | 43 | ... | ... | ... | 11 | 12 | 10 | § | § | § | § | § | 14 |
| Peshávar ... | 19 | 19 | 22 | 33 | 36 | 47 | ... | ... | ... | 11 | 10 | 11 | 35 | 34 | 44 | 25 | 24 | 14 |
| Kohát ... | 22 | 22 | 22 | 36 | 36 | 44 | ... | ... | ... | 16 | 15 | 17 | 33 | 33 | ‡ | 33 | 31 | 32 |
| Bannu ... | 27 | 28 | 28 | 51 | 56 | 40 | ... | ... | ... | 13 | 13 | 10 | 55 | 58 | 26 | 38 | 39 | 29 |
| D. I. Khan ... | 20 | 21 | 21 | 33 | 35 | 25 | ... | ... | ... | 9 | 9 | 7 | 32 | 32 | 25 | 32 | 30 | 25 |
| D. G. Khan ... | 18 | 17 | 17 | 28 | 23 | 24 | ... | ... | ... | 8 | 8 | 8 | 25 | 23 | 23 | 25 | 24 | 20 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 27 | ... | ... | ... | 14 | 15 | 13 | 16 | 18 | 17 | 16 | 14 | 17 |

‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th SEPTEMBER 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 23 | 24 | 27 |
| † | † | † | 16 | 16 | 16 | 21 | 22 | 26 |
| † | † | † | † | † | † | 19 | 20 | 26 |
| † | † | † | 13 | 13 | 16 | 19 | 20 | 24 |
| 20 | 20 | 22 | 16 | 16 | 18 | 22 | 23 | 28 |
| 20 | 20 | 20 | 8 | 10 | 10 | 21 | 24 | 32 |
| 17 | 17 | 22 | 10 | 10 | 8 | 12 | 12 | 19 |
| | | | | | | | | |
| 22 | 24 | 25 | 6 | 6 | 8 | 17 | 17 | 20 |
| 12 | 12 | 13 | 20 | 19 | 24 | 22 | 24 | 31 |
| ‡ | ‡ | ‡ | 20 | 20 | 18 | 21 | 23 | 28 |
| † | † | † | 20 | 20 | 20 | 22 | 23 | 32 |
| † | † | † | 20 | 20 | 20 | 26 | 26 | 33 |
| | | | | | | | | |
| † | † | † | 21 | 24 | 26 | 19 | 21 | 22 |
| 24 | 24 | 20 | 23 | 22 | 24 | 18 | 18 | 20 |
| § | § | § | 20 | 20 | 24 | 23 | 23 | 25 |
| § | § | § | 23 | 26 | 22 | 23 | 25 | 31 |
| † | † | † | 19 | 19 | 23 | 22 | 24 | 28 |
| † | † | † | 12 | 12 | 12 | 22 | 22 | 25 |
| | | | | | | | | |
| § | § | § | 30 | 25 | 20 | 22 | 23 | 30 |
| † | † | † | 12 | 12 | 14 | 23 | 22 | 27 |
| † | † | § | 25 | 24 | 20 | 24 | 24 | 29 |
| 20 | 22 | 20 | 22 | 24 | 20 | 26 | 26 | 31 |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 21 | 23 | 27 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 21 | 22 | 25 |
| | | | | | | | | |
| † | † | † | § | § | § | 17 | 18 | 20 |
| † | † | † | 23 | 22 | 17 | 19 | 19 | 23 |
| † | † | † | † | † | 16 | 23 | 25 | 24 |
| | | | | | | | | |
| § | 8 | 8 | 8 | 8 | 8 | 31 | 32 | 32 |
| § | § | § | 6 | 6 | 6 | 25 | 27 | 27 |
| § | § | § | § | § | § | 20 | 21 | 21 |
| § | § | § | § | § | § | 19 | 19 | 20 |

† Not produced.
‡ Not sold.
§ Not procurable.

## REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 19 seers as compared with 19 seers in last fortnight and 21 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Hissar ... | 19 | 17 | 16 |
| Ludhiána ... | 23 | 19 | 19 |
| Amritsar ... | 21 | 19 | 19 |
| Siálkot ... | 24 | 20 | 20 |
| Pesháwar ... | 22 | 19 | 19 |
| Muzaffargarh ... | 18 | 17 | 17 |

*Barley.*—Prices average 28 seers as compared with 28 seers in last fortnight and 32 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Gurgaon ... | 28 | 20 | 19 |
| Ferozepore ... | 37 | 30 | 26 |
| Lahore ... | 32 | 27 | 26 |
| Siálkot ... | 40 | 29 | 29 |
| Pesháwar ... | 47 | 36 | 33 |
| Bannu ... | 40 | 56 | 51 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Delhi ... | 10 | 13 | 13 |
| Ludhiána ... | 10 | 13 | 12 |
| Amritsar ... | 10 | 11 | 12 |
| Gujránwála ... | 10 | 14 | 14 |
| Kohát ... | 17 | 15 | 16 |
| Bannu ... | 10 | 13 | 13 |

*Jowár.*—Prices average 26 seers as compared with 26 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Rohtak ... | 26 | 18 | 19 |
| Jullundur ... | 26 | 24 | 23 |
| Jhang ... | 24 | 18 | 16 |
| Ráwalpindi ... | 40 | 42 | 45 |
| Pesháwar ... | 44 | 34 | 35 |
| Bannu ... | 26 | 58 | 55 |

*Bájra.*—Prices average 22 seers as compared with 22 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Gurgaon ... | 23 | 19 | 17 |
| Ludhiána ... | 20 | 21 | 22 |
| Lahore ... | 16 | 20 | 20 |
| Ráwalpindi ... | 21 | 29 | 30 |
| Pesháwar ... | 14 | 24 | 25 |
| Bannu ... | 29 | 39 | 38 |

*Gram.*—Prices average 22 seers as compared with 23 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Umballa ... | 32 | 24 | 21 |
| Ludhiána ... | 32 | 23 | 22 |
| Lahore ... | 31 | 25 | 23 |
| Siálkot ... | 30 | 23 | 22 |
| Pesháwar ... | 23 | 19 | 19 |
| D. I. Khan ... | 27 | 27 | 25 |

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | |
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 15th Septr. 1890. | | Past fortnight ending 31st August 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 19 | 20 | 17 | † | † | † | 120 | 120 | 110 | 11 8 | 11 4 | 11 4 | 11 0 | 10 4 | 10 0 |
| Rohtak ... | 20 | 16 | 18 | 20 | 18 | 20 | 120 | 120 | 120 | 10 0 | 10 0 | 10 0 | 10 0 | 11 0 | 11 0 |
| Gurgaon ... | 19 | 20 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 15 | 24 | 20 | 20 | 26 | 90 | 90 | 70 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 24 | 25 | 19 | 19 | 20 | 160 | 160 | 120 | 10 0 | 9 8 | 10 8 | 10 0 | 10 8 | 10 0 |
| Umballa ... | 22 | 24 | 32 | 18 | 20 | 20 | 120 | 130 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 13 | 13 | 20 | 10 | 10 | 9 | 65 | 65 | 60 | 9 8 | 8 15 | 9 4 | 8 4 | 9 0 | 8 0 |
| Kángra ... | 22 | 18 | 23 | 11 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ‡ | 10 0 |
| Hoshiárpur ... | 24 | 25 | 30 | 12 | 14 | 16 | 105 | 104 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 3 | 13 0 |
| Jullundur ... | 24 | 28 | 32 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 24 | 23 | 32 | 14 | 14 | 14 | 110 | 110 | 110 | 13 4 | 12 8 | 13 0 | 12 0 | 13 0 | 12 8 |
| Ferozepore ... | 30 | 26 | 24 | 10 | 13 | 11 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 4 |
| Mooltan ... | 20 | 22 | 21 | † | † | † | 90 | 90 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Jhang ... | 18 | 16 | 20 | 10 | 10 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery... | 16 | 16 | 20 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 23 | 23 | 27 | 12 | 12 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 24 | 24 | 24 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gurdáspur ... | 22 | 22 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 27 | 25 | 26 | 12 | 16 | 12 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 27 | 24 | 24 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 24 | 25 | 21 | † | † | § | 105 | 105 | 105 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 25 | 24 | 26 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 13 6 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 28 | 25 | ‡ | 14 | ‡ | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 29 | 31 | 34 | 25 | 28 | 20 | 80 | 80 | 80 | 13 8 | 13 4 | 13 12 | 13 8 | 13 8 | 13 4 |
| Hazára ... | 32 | 32 | 24 | † | † | † | 100 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 32 | 31 | 33 | 29 | 29 | 22 | 100 | 105 | 100 | 44 0 | 42 0 | 42 0 | 40 0 | 38 0 | 37 0 |
| Kohát ... | 35 | 34 | 32 | 20 | 20 | † | 180 | 180 | 110 | 65 0 | 60 0 | 65 0 | 60 0 | 65 0 | 60 0 |
| Bannu ... | 53 | 54 | 32 | 15 | 15 | 13 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | § | 17 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 45 0 | 43 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 25 0 | 24 0 | 25 0 | 24 0 | 27 0 | 26 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th SEPTEMBER 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 8 0 | 7 12 | 12 0 | 6 8 | 6 8 | 5 8 |
| 9 0 | 9 0 | 13 0 | 8 0 | 7 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 9 0 | 8 0 | 8 0 |
| 7 0 | 7 0 | 7 8 | 7 0 | 7 0 | 6 0 |
| 10 0 | 10 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 5 0 | 5 0 | 6 8 | † | † | 2 2 |
| | | | | | |
| 6 0 | 6 0 | 9 0 | 7 0 | 7 0 | 8 0 |
| 6 12 | 6 12 | 10 8 | 7 12 | 8 0 | 8 0 |
| 8 0 | 8 0 | 11 0 | 8 0 | 7 0 | 9 0 |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 7 8 | 11 0 | 8 8 | 8 8 | 7 0 |
| | | | | | |
| 8 0 | 8 4 | 11 0 | 7 12 | 8 0 | 6 8 |
| 8 0 | 8 8 | 12 0 | 9 0 | 8 0 | 9 0 |
| 8 4 | 8 8 | 11 0 | 9 0 | 9 0 | 9 0 |
| 8 0 | 7 0 | 10 0 | 9 0 | 10 4 | 7 2 |
| 7 12 | 7 12 | 12 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 8 8 | 14 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 9 8 | 10 0 | 16 0 | 8 0 | 8 0 | 8 0 |
| 8 8 | 9 0 | 12 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 9 8 | 12 8 | 8 8 | 8 8 | 7 8 |
| 8 8 | 8 8 | 12 0 | 8 0 | 8 0 | 7 0 |
| 8 0 | 10 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| 7 8 | 8 4 | 8 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 6 12 | 7 8 | 7 8 | § | § | § |
| 7 0 | 7 2 | 9 0 | 9 10 | 9 4 | 9 10 |
| 7 12 | 8 8 | 9 0 | 8 12 | 8 12 | 10 0 |
| | | | | | |
| 9 13 | 9 11 | 13 0 | 8 12 | 8 12 | 10 0 |
| 8 12 | 8 12 | 11 0 | § | § | 8 0 |
| 5 10 | 5 10 | 8 2 | 8 0 | 8 0 | 8 8 |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 25 seers as compared with 25 seers in last fortnight and 25 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. Seers. | Last fortnight. Seers. | This fortnight. Seers. |
|---|---|---|---|
| Umballa ... | 22 | 24 | 22 |
| Ludhiána ... | 32 | 23 | 24 |
| Lahore ... | 27 | 23 | 23 |
| Ráwalpindi ... | 34 | 31 | 29 |
| Hazára ... | 24 | 32 | 32 |
| Bannu ... | 32 | 54 | 53 |

† Not produced.
‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 19 | 20 | 22 | 25 | ... | ... | ... | 14 | 14 | 11 | 21 | 21 | 25 | 16 | 18 | 21 | † | † | † |
| Ferozepore ... | 19 | 20 | 21 | 26 | 30 | 37 | ... | ... | ... | 10 | 10 | 9 | 28 | 26 | 26 | 22 | 24 | 23 | † | † | † |
| Mooltan ... | 16 | 16 | 16 | 28 | 28 | 27 | ... | ... | ... | 13 | 13 | 11 | 25 | 25 | 27 | 23 | 21 | 21 | † | † | † |
| Lahore ... | 19 | 20 | 20 | 27 | 28 | 33 | ... | ... | ... | 11 | 11 | 10 | 26 | 28 | 30 | 21 | 21 | 18 | § | § | § |
| Amritsar ... | 20 | 20 | 21 | 27 | 27 | 32 | ... | ... | ... | 13 | 12 | 10 | 25 | 25 | 26 | 17 | 17 | 16 | † | † | † |
| Peshâwar ... | 20 | 20 | 23 | 35 | 37 | 49 | ... | ... | ... | 12 | 11 | 12 | 37 | 35 | 46 | 26 | 25 | 15 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th SEPTEMBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Septr. 1890. | Past fortnight ending 31st August 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 17 | 20 | 21 | 25 | 16 | 16 | 25 | 21 | 21 | 27 | 8 0 | 8 0 | 8 8 | 7 8 | 8 0 | 7 0 | |
| 20 | 20 | 20 | 26 | 26 | 33 | 30 | 26 | 24 | 10 | 13 | 11 | 7 0 | 7 8 | 11 0 | 8 8 | 8 8 | 7 0 | |
| 22 | 25 | 27 | 20 | 21 | 23 | 21 | 22 | 22 | † | † | † | 8 4 | 8 8 | 11 0 | 8 0 | 8 8 | 7 0 | |
| 24 | 27 | 23 | 24 | 25 | 32 | 24 | 24 | 28 | 13 | 13 | 13 | 8 8 | 7 0 | 11 0 | 9 8 | 10 10 | 7 6 | |
| 20 | 20 | 24 | 23 | 25 | 29 | 25 | 25 | 25 | † | † | † | 8 0 | 8 0 | 12 0 | 8 8 | 8 8 | 8 0 | |
| 24 | 23 | 18 | 20 | 20 | 24 | 33 | 32 | 34 | 30 | 30 | 23 | 7 3 | 7 5 | 9 4 | 9 12 | 9 7 | 9 14 | |

† Not produced.

TULSI DAS, *Clerk of Statistics*,

*Office of Director of Land Records and Agriculture, Punjab.*

No. 41. of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 9, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 7th OCTOBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Fluctuating. | Prospects average. | Cultivation progressing. |
| 3 | Umballa ... | 0·10 | ... | Stationary. | Harvesting in progress. | Ploughings commenced. |
| 4 | Jullundur ... | 0·27 | Insufficient. | Do. | Crops average. | Sowings commenced. |
| 5 | Ferozepore ... | ... | ... | Do. | Crops suffering for want of rain. | ... |
| 6 | Amritsar ... | 0·10 in Ajnala. | Sufficient. | Do. | Prospects very fair. Some damage from locusts especially for new-sown toria. | Prospects good. |
| 7 | Siálkot ... | Good rainfall. | Abundant. | Do. | Cutting in progress. | Gram and toria are being sown. |
| 8 | Lahore ... | ... | Sufficient. | Do. | Standing crops on chahi and nahri lands good, but baráni crops are withering for want of rain. | Sowings of gram and the ploughings for the other crops in progress. Rain wanted for sowing of sarson on high lands. |
| 9 | Mooltan ... | ... | ... | Do. | All canals dry except Sidhnai canal. | ... |
| 10 | Ráwalpindi ... | 0·17 at Ráwalpindi. 1·15 in Gujar Khan. 0·46 in Kahúta. 2·10 in Murree. | Sufficient. | Falling. | Outturn average. | ... |
| 11 | Shahpur ... | Slight rainfall in Bhera. | Do. | Stationary. | Kharif below average, except in irrigated and sailab lands, where it is about average. | Ploughings for wheat in progress. |
| 12 | D. I. Khan ... | ... | Do. | Do. | Condition of crops good. | Sowings in progress. |
| 13 | Peshâwar ... | ... | Do. | Do. | Condition of crops average. | Ploughings commenced. |

*GENERAL REMARKS.*

Rain has fallen in Umballa, Jullundur, Amritsar, Siálkot, Ráwalpindi and Shahpur. Prices unsettled in Delhi, falling in Ráwalpindi, and stationary elsewhere. Harvesting of kharif crops commenced. Ploughings and sowings for rabi in progress. Rain much wanted in Hissar. Prospects of crops are generally reported good to average. Crops are suffering for want of rain. Outturn is reported average from Ráwalpindi. Crops are damaged by locusts in Amritsar, especially new-sown toria. Fodder insufficient in Jullundur, abundant in Siálkot, and sufficient elsewhere.

PESTONJI, *Supdt.*

## RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

### WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Week ending 28th September* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 15th. | Tuesday 16th. | Wednesday 17th. | Thursday 18th. | Friday 19th. | Saturday 20th. | Sunday 21st. | Total. | Special Remarks. |
| Simla. | Kilba *s* | 11th Septr. ... | 0·06 | 0·40 | 2·07 | 1·23 | 0·02 | ... | ... | 3·78 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 28th SEPTEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each day of the Week. Month of September 1890. Monday 22nd. | Tuesday 23rd. | Wednesday 24th. | Thursday 25th. | Friday 26th. | Saturday 27th. | Sunday 28th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | 14th Septr. | ... | ... | 0·48 | ... | ... | ... | ... | 0·48 | |
| | Hissar s | 5th August | ... | ... | 0·06 | ... | ... | ... | 0·52 | 0·58 | |
| | Hánsi | 14th Do. | ... | ... | 0·21 | ... | ... | ... | ... | 0·21 | |
| | Bhiwáni | Ditto | ... | ... | ... | 0·21 | ... | ... | ... | 0·21 | |
| | Budhláda | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 13th August | ... | ... | ... | ... | ... | 0·20 | ... | 0·20 | |
| | Gohána | 21st Septr. | ... | ... | 0·07 | ... | ... | ... | ... | 0·07 | |
| | Sámpla | 14th August | ... | ... | ... | 0·09 | ... | 0·10 | ... | 0·19 | |
| | Jhajjar | 24th Do. | ... | ... | 0·49 | ... | 0·07 | ... | 0·23 | 0·79 | |
| Gurgaon. | Farukhnagar | 13th August | ... | 0·74 | 0·40 | ... | 0·30 | ... | ... | 1·44 | |
| | Játusána | Ditto | ... | 2·00 | 0·68 | 0·30 | ... | ... | ... | 2·98 | |
| | Rewári | Ditto | ... | 2·00 | 0·60 | ... | ... | ... | ... | 2·60 | |
| | Shahjahánpur | Ditto | ... | 1·40 | 1·14 | ... | ... | ... | ... | 2·54 | |
| | Tauru | Ditto | ... | 2·50 | 0·50 | ... | ... | ... | ... | 3·00 | |
| | Nuh | Ditto | ... | 3·25 | 1·12 | 0·30 | ... | ... | ... | 4·67 | |
| | Fírozpur | 17th August | ... | 0·80 | 1·33 | 0·25 | ... | ... | ... | 2·38 | |
| | Hodal | 18th Septr. | ... | 0·80 | 1·00 | 0·40 | ... | ... | ... | 2·20 | |
| | Hattin | 15th August | ... | 1·47 | 0·53 | ... | 0·40 | ... | ... | 2·40 | |
| | Palwal | 18th Septr. | ... | 0·40 | 0·70 | ... | ... | ... | ... | 1·10 | |
| | Sohna | 13th August | ... | 0·90 | 0·80 | ... | ... | ... | ... | 1·70 | |
| | Gurgaon s | Ditto | ... | 0·45 | 0·08 | ... | ... | ... | ... | 0·53 | |
| | Punahána | 15th August | ... | 1·00 | 0·40 | 0·50 | ... | ... | ... | 1·90 | |
| Delhi. | Ballabgarh | 17th Septr. | ... | 0·21 | 0·09 | 0·07 | ... | 0·32 | ... | 0·69 | |
| | Mahrauli | Ditto | ... | R. | R. | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | Ditto | ... | 0·05 | 0·06 | ... | ... | 0·06 | ... | 0·17 | |
| | Sonepat | Ditto | ... | 0·44 | ... | ... | ... | ... | ... | 0·44 | |
| Karnal. | Pánipat | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 18th Septr. | ... | ... | ... | ... | 0·05 | ... | ... | 0·05 | |
| | Jagádhri | Ditto | ... | ... | ... | ... | 0·50 | ... | ... | 0·50 | |
| | Umballa s | 16th August | ... | ... | 0·11 | ... | 1·05 | 0·12 | ... | 1·28 | |
| | Naráingarh | 19th Septr. | ... | ... | ... | ... | 0·55 | ... | ... | 0·55 | |
| | Kharar | 18th Do. | ... | ... | ... | ... | 0·31 | ... | ... | 0·31 | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 12th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur *C* | 16th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 12th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | 11th Do. | ... | ... | ... | ... | 0·30 | ... | ... | 0·30 | |
| Simla. | Kasauli s | 18th Septr. | ... | ... | ... | 0·70 | ... | ... | ... | 0·70 | |
| | Barauli | 17th Do. | ... | 0·53 | ... | ... | 1·00 | ... | ... | 1·53 | |
| | Simla s | 19th Do. | ... | ... | 0·75 | ... | 1·03 | 0·41 | ... | 2·19 | |
| | Kot Khái | 18th Do. | ... | 0·35 | ... | 0·04 | 0·36 | ... | ... | 0·75 | |
| | Kotgarh | Ditto | ... | 0·20 | ... | ... | 0·30 | ... | ... | 0·50 | |
| | Kilba s | 19th Septr. | ... | ... | ... | 0·27 | ... | ... | ... | 0·27 | |
| Kangra. | Plách | 18th Septr. | 0·12 | 0·20 | ... | 0·08 | 0·02 | ... | ... | 0·42 | |
| | Kulu s | 19th Do. | ... | ... | 0·14 | ... | 0·26 | ... | ... | 0·40 | |
| | Nagar | Ditto | ... | ... | 0·40 | R. | ... | ... | ... | 0·40 | |
| | Pálampur | Ditto | ... | 0·13 | 1·58 | ... | 1·18 | ... | ... | 2·89 | |
| | Hamírpur | 18th Septr. | ... | ... | ... | ... | 0·15 | ... | ... | 0·15 | |
| | Dera | 19th Do. | ... | ... | ... | ... | 0·55 | ... | ... | 0·55 | |
| | Kángra | 21st August | ... | ... | 2·08 | ... | 0·29 | ... | ... | 2·37 | |
| | Dharmsála s | 15th Septr. | ... | ... | 1·81 | ... | 0·40 | ... | ... | 2·21 | |
| | Nurpur | 23rd August | ... | ... | 0·44 | ... | 0·60 | ... | ... | 1·04 | |
| Hoshiarpur. | Dasúya | 22nd August | ... | ... | ... | 1·18 | ... | ... | ... | 1·18 | |
| | Una | 17th Septr. | ... | ... | ... | 0·32 | ... | ... | ... | 0·32 | |
| | Garhshankar | 13th August | ... | ... | ... | 1·09 | ... | ... | ... | 1·09 | |
| | Sadr Station | 17th Do. | ... | ... | ... | 1·20 | ... | ... | ... | 1·20 | |
| | Hoshiárpur | 22nd Do. | ... | ... | ... | 0·80 | ... | ... | ... | 0·80 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Month of September 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 22nd. | Tuesday 23rd. | Wednesday 24th. | Thursday 25th. | Friday 26th. | Saturday 27th. | Sunday 28th. | Total. | Special Remarks |
| Jullundur. | Jullundur s | 14th August | ... | ... | ... | 0·85 | ... | ... | ... | 0·85 | |
| | Nakodar | 15th Do. | ... | ... | ... | ... | 0·70 | ... | ... | 0·70 | |
| | Phillour | 21st Do. | ... | ... | ... | ... | 0·92 | ... | ... | 0·92 | |
| | Nawashahr | 19th Do. | ... | ... | ... | ... | 1·07 | ... | ... | 1·07 | |
| Ludhiana. | Samrála | 17th Septr. | ... | ... | ... | 0 83 | ... | ... | ... | 0·83 | |
| | Ludhiána s | 14th August | ... | ... | ... | 0·24 | ... | ... | ... | 0 24 | |
| | Jagraon | 22nd Do. | ... | ... | ... | 0·61 | ... | ... | ... | 0·61 | |
| Ferozepore. | Moga | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 22nd Do. | ... | ... | ... | ... | 0·11 | 0·11 | ... | 0·22 | |
| | Ferozepore s | 23rd Do. | ... | ... | ... | ... | ... | 0·57 | ... | 0·57 | |
| | Ferozepore City | Ditto | ... | ... | ... | ... | ... | 0·50 | ... | 0·50 | |
| | Muktsar | 7th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 11th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C | 8th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van C b | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | A flight of locusts passed towards the west of the Chunián and Sharakpur Tahsíls without causing any damage. |
| | Chunián | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 23rd Do. | ... | ... | ... | ... | 0·38 | ... | ... | 0·38 | |
| | Pambe C | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg C | 24th Do. | ... | ... | ... | ... | 0·21 | ... | ... | 0·21 | |
| | Lahore s | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála C | Ditto | ... | ... | ... | ... | ... | 0·56 | ... | 0·56 | |
| | Dafthu C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar C b | 23rd August | ... | ... | ... | ... | 0·53 | 0·36 | ... | 0·89 | |
| | Khara C | 31st Do. | ... | ... | ... | ... | 0·74 | 0·07 | ... | 0·81 | |
| | Tarn Táran | 11th Septr. | ... | ... | ... | 0·22 | ... | ... | ... | 0·22 | |
| | Raya C | 16th August | ... | ... | ... | ... | 0·60 | ... | ... | 0·60 | |
| | Jandiála C | Ditto | ... | ... | ... | ... | 0·51 | 0·53 | ... | 1·04 | |
| | Jail Hospital s | 22nd August | ... | ... | ... | 0·30 | 0·15 | ... | ... | 0·45 | |
| | Amritsar Sadr | Ditto | ... | ... | ... | 0·45 | 0 05 | ... | ... | 0·50 | |
| | Amritsar C | 23rd August | ... | ... | ... | ... | 0·40 | 0 20 | ... | 0·60 | |
| | Buggeh C | Ditto | ... | ... | ... | ... | ... | 0 90 | ... | 0 90 | |
| | Ajnála | 22nd August | ... | ... | ... | 0·80 | 0·08 | 0·03 | ... | 0·91 | |
| Gurdaspur. | Aliwál C | 24th August | ... | ... | ... | ... | 0·50 | 0·05 | 0·05 | 0·60 | |
| | Batála | 22nd Do. | ... | ... | ... | 0·73 | ... | 0·37 | ... | 1·10 | |
| | Kaler C | 14th Do. | ... | ... | ... | ... | 0·41 | ... | ... | 0·41 | |
| | Tibri C | 31st Do. | ... | ... | ... | ... | 0·60 | ... | ... | 0·60 | |
| | Gurdáspur s | 30th Do. | ... | ... | ... | 0·22 | ... | ... | ... | 0·22 | |
| | Bhímpur C | 31st Do. | ... | ... | ... | ... | 0 20 | ... | ... | 0·20 | |
| | Pathánkot C | 22nd Do. | ... | ... | ... | 0·12 | ... | ... | ... | 0·12 | |
| | Dalhousie s | 18th Septr. | ... | ... | 3·18 | 0·62 | ... | ... | ... | 3·80 | |
| | Mádhopur C b | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Shakargarh | 13th Septr. | ... | ... | ... | ... | 0·60 | ... | ... | 0·60 | |
| Sialkot. | Zafarwál | 1st Septr. | ... | ... | ... | ... | ... | 2·08 | 0·04 | 2·12 | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | 1·52 | 0·11 | 1·63 | |
| | Raya | 31st August | ... | ... | ... | ... | ... | 0·90 | 0·30 | 1·20 | |
| | Daska | 2nd Septr. | ... | ... | ... | ... | ... | ... | 0·75 | 0·75 | |
| | Siálkot s | 1st Do. | ... | ... | ... | ... | 0·79 | 0·24 | ... | 1·03 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of September 1890. Monday 22nd. | Tuesday 23rd. | Wednesday 24th. | Thursday 25th. | Friday 26th. | Saturday 27th. | Sunday 28th. | Total. | Special Remarks. |
| Gujrat. | Sadr | 1st Septr. | ... | ... | ... | ... | 0·27 | 0·73 | ... | 1·00 | Kharif crops being harvested. Ploughings for rabi in progress. Prospects excellent. |
| | Gujrát | Ditto | ... | ... | ... | ... | 0·20 | 0·70 | ... | 0·90 | |
| | Khárián | 18th Septr. | ... | ... | ... | ... | 0·25 | 0·10 | ... | 0·35 | |
| | Pháha | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar | 31st August | ... | ... | ... | ... | 0·18 | ... | ... | 0·18 | Rain much required for standing crops. Chenab Canal flowing. Fodder sufficient. Prices stationary. |
| | Wazirabad | 18th Septr | ... | ... | ... | 0·35 | 0·12 | ... | ... | 0·47 | |
| | Sadr Kacheri | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhelum. | Pind Dádan Khan | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 18th Septr. | ... | ... | ... | ... | 0·10 | 0·09 | ... | 0·19 | |
| | Chakwál | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | 11th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi | 17th Septr. | ... | ... | ... | ... | ... | 0·25 | ... | 0·25 | |
| | Gujar Khan | Ditto | ... | ... | ... | ... | 0·40 | ... | ... | 0·40 | |
| | Kahúta | Ditto | ... | ... | ... | 1·15 | ... | ... | ... | 1·15 | |
| | Murree | 16th Septr. | ... | ... | ... | 0·30 | 0·50 | ... | ... | 0·80 | |
| Hazara. | Abbott-abad | 17th Septr. | ... | ... | ... | ... | 0·50 | 1·63 | ... | 2·13 | |
| | Mansahra | Ditto | ... | 0·60 | ... | ... | 0·17 | 0·80 | ... | 1·57 | |
| | Haripur | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Peshawar. | Sawábi | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Rolah) | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 6th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát | 30th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bannu. | Miánwáli | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 1st Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 1st Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,
*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 20th July 1890.*

Against Sadr (Jhelum District) insert in column 4, 0·07, and in column 11 *for* "4·31" *read* "4·38."

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 16 | 19 | 23 | 23 | 26 | ... | ... | ... | 10 | 10 | 8 | 20 | 20 | 23 | 19 | 19 | 31 |
| Rohtak ... | 17 | 17 | 17 | 20 | 21 | 23 | ... | ... | ... | 10 | 10 | 9 | 19 | 19 | 25 | 18 | 17 | 22 |
| Gurgaon ... | 17 | 17 | 18 | 20 | 19 | 28 | ... | ... | ... | 10 | 10 | 9 | 19 | 19 | 25 | 17 | 17 | 23 |
| Delhi ... | 16 | 16 | 18 | 19 | 19 | 25 | ... | ... | ... | 13 | 13 | 10 | 20 | 20 | 25 | 16 | 15 | 20 |
| Karnál ... | 17 | 17 | 18 | 22 | 24 | 27 | ... | ... | ... | 12 | 11 | 11 | 24 | 22 | 20 | 18 | 16 | 16 |
| Umballa ... | 17 | 17 | 21 | 22 | 22 | 26 | ... | ... | ... | 11 | 11 | 10 | 20 | 23 | 20 | 18 | 18 | 16 |
| Simla ... | 12 | 11 | 14 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 13 | 15 | 15 | 14 | 14 | 11 |
| Kángra ... | 17 | 17 | 19 | 25 | 25 | 28 | ... | ... | ... | 13 | 12 | 11 | 13 | 13 | 14 | 10 | 10 | 10 |
| Hoshiárpur ... | 19 | 20 | 22 | 25 | 27 | 33 | ... | ... | ... | 10 | 10 | 10 | 24 | 29 | 28 | 20 | 20 | 20 |
| Jullundur ... | 20 | 19 | 22 | 24 | 24 | 32 | ... | ... | ... | 8 | 8 | 8 | 23 | 22 | 26 | 19 | 19 | 20 |
| Ludhiána ... | 19 | 19 | 21 | 25 | 27 | 40 | ... | ... | ... | 13 | 12 | 12 | 23 | 27 | 30 | 19 | 22 | 22 |
| Ferozepore ... | 19 | 19 | 20 | 25 | 26 | 36 | ... | ... | ... | 10 | 10 | 9 | 30 | 28 | 28 | 20 | 22 | 24 |
| Mooltan ... | 16 | 16 | 16 | 27 | 27 | 26 | ... | ... | ... | 12 | 12 | 10 | 24 | 24 | 26 | 22 | 22 | 20 |
| Jhang ... | 17 | 18 | 22 | 26 | 26 | 31 | ... | ... | ... | 8 | 9 | 8 | 20 | 16 | 24 | 16 | 16 | 18 |
| Montgomery ... | 18 | 18 | 18 | 24 | 23 | 25 | ... | ... | ... | 10 | 10 | 8 | 16 | 16 | 20 | 16 | 16 | 15 |
| Lahore ... | 18 | 18 | 19 | 26 | 26 | 34 | .. | ... | ... | 10 | 10 | 9 | 24 | 25 | 29 | 20 | 20 | 16 |
| Amritsar ... | 19 | 19 | 22 | 26 | 26 | 32 | ... | ... | ... | 12 | 12 | 11 | 25 | 24 | 25 | 17 | 16 | 16 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 26 | 24 | 18 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 22 | 28 | 29 | 36 | ... | ... | ... | 13 | 13 | 12 | 30 | 30 | 28 | 23 | 28 | 25 |
| Gujrát ... | 23 | 21 | 23 | 35 | 28 | 35 | ... | ... | ... | 11 | 11 | 10 | 27 | 27 | 26 | 25 | 24 | 24 |
| Gujránwála ... | 20 | 20 | 21 | 31 | 31 | 40 | ... | ... | ... | 14 | 14 | 9 | 26 | 26 | 28 | 24 | 24 | 20 |
| Shahpur ... | 19 | 20 | 24 | 26 | 26 | 35 | ... | ... | ... | 10 | 10 | 9 | 25 | 25 | 26 | 26 | 26 | 26 |
| Jhelum ... | 21 | 21 | 24 | 29 | 28 | 35 | ... | ... | ... | 10 | 10 | 11 | 24 | 25 | 32 | 24 | 24 | 29 |
| Ráwalpindi ... | 19 | 20 | 21 | 33 | 32 | 40 | ... | ... | ... | 9 | 9 | 7 | 40 | 45 | 40 | 30 | 30 | 21 |
| Hazára ... | 20 | 21 | 22 | 33 | 34 | 42 | ... | ... | ... | 11 | 11 | 10 | § | § | § | § | § | 14 |
| Pesháwar ... | 18 | 19 | 22 | 32 | 33 | 49 | ... | ... | ... | 11 | 11 | 11 | 36 | 35 | 44 | 25 | 25 | 14 |
| Kohát ... | 22 | 22 | 23 | 35 | 36 | 45 | ... | ... | ... | 16 | 16 | 16 | 33 | 33 | ‡ | 33 | 33 | 32 |
| Bannu ... | 24 | 27 | 28 | 52 | 51 | 39 | ... | ... | ... | 13 | 13 | 10 | 55 | 55 | 25 | 35 | 38 | 31 |
| D. I. Khan ... | 20 | 20 | 21 | 31 | 33 | 34 | ... | ... | ... | 9 | 9 | 7 | 34 | 32 | 25 | 31 | 32 | 23 |
| D. G. Khan ... | 18 | 18 | 17 | 25 | 28 | 24 | .. | ... | ... | 8 | 8 | 8 | 25 | 25 | 23 | 25 | 25 | 21 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 27 | ... | ... | ... | 14 | 14 | 13 | 16 | 16 | 17 | 16 | 16 | 17 |

‡ Not sold.
§ Not procurable.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th SEPTEMBER 1890.**

| 8 | | | 9 | | | 10 | | | REMARKS ON CURRENT VARIATIONS. |
|---|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | | |
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | |
| Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 22 | 23 | 28 | |
| † | † | † | 16 | 16 | 16 | 21 | 21 | 25 | |
| † | † | † | † | † | † | 20 | 19 | 26 | |
| † | † | † | 13 | 13 | 16 | 19 | 19 | 25 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 22 | 28 | |
| 20 | 20 | 20 | 8 | 8 | 10 | 21 | 21 | 30 | |
| 17 | 17 | 22 | 10 | 10 | 8 | 15 | 12 | 19 | |
| 21 | 22 | 25 | 7 | 6 | 8 | 16 | 17 | 22 | |
| 12 | 12 | 13 | 20 | 20 | 24 | 22 | 22 | 31 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 21 | 28 | |
| † | † | † | 17 | 20 | 21 | 26 | 22 | 31 | |
| † | † | † | 20 | 20 | 20 | 24 | 26 | 31 | |
| † | † | † | 20 | 21 | 26 | 18 | 19 | 22 | |
| 24 | 24 | 22 | 23 | 23 | 22 | 18 | 18 | 21 | |
| § | § | § | 20 | 20 | 26 | 22 | 23 | 25 | |
| § | § | § | 23 | 23 | 22 | 22 | 23 | 30 | |
| † | † | † | 24 | 19 | 23 | 22 | 22 | 29 | |
| † | † | † | 12 | 12 | 12 | 21 | 22 | 26 | |
| § | § | § | 30 | 30 | 32 | 22 | 22 | 28 | |
| † | † | † | 12 | 12 | 12 | 23 | 23 | 27 | |
| † | † | § | 25 | 25 | 20 | 23 | 24 | 30 | |
| 20 | 20 | 20 | 22 | 22 | 20 | 25 | 26 | 31 | |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 21 | 21 | 29 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 21 | 21 | 25 | |
| † | † | † | § | § | § | 17 | 17 | 21 | |
| † | † | † | 23 | 23 | 18 | 19 | 19 | 23 | |
| † | † | † | † | † | ‡ | 23 | 23 | 24 | |
| 8 | 8 | 8 | 9 | 8 | 8 | 27 | 31 | 32 | |
| § | § | § | 6 | 6 | 6 | 24 | 25 | 26 | |
| § | § | § | § | § | § | 19 | 20 | 21 | |
| § | § | § | § | § | § | 19 | 19 | 20 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | |
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 30th Septr. 1890. | | Past fortnight ending 15th Septr. 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 19 | 19 | 17 | † | † | † | 120 | 120 | 105 | 11 6 | 11 4 | 11 8 | 11 4 | 10 4 | 10 0 |
| Rohtak ... | 20 | 20 | 18 | 20 | 20 | 20 | 120 | 120 | 120 | 10 0 | 10 0 | 10 0 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 19 | 19 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 15 | 15 | 25 | 20 | 20 | 26 | 90 | 90 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 28 | 24 | 25 | 19 | 19 | 20 | 160 | 160 | 120 | 10 0 | 9 8 | 10 0 | 9 8 | 10 8 | 10 0 |
| Umballa ... | 22 | 22 | 32 | 18 | 18 | 20 | 120 | 120 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 14 | 13 | 20 | 9 | 10 | 9 | 65 | 65 | 65 | 9 8 | 8 15 | 9 8 | 8 15 | 9 12 | 8 4 |
| Kángra ... | 21 | 22 | 23 | 12 | 11 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | † | 10 0 |
| Hoshiárpur ... | 24 | 24 | 30 | 12 | 12 | 16 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 3 | 13 0 |
| Jullundur ... | 24 | 24 | 32 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 25 | 24 | 30 | 14 | 14 | 14 | 110 | 110 | 110 | 13 8 | 13 0 | 13 4 | 12 8 | 13 0 | 12 8 |
| Ferozepore ... | 26 | 30 | 26 | 10 | 10 | 11 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 4 |
| Mooltan ... | 20 | 20 | 20 | † | † | † | 90 | 90 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 | 12 0 |
| Jhang ... | 18 | 18 | 24 | 10 | 10 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Montgomery... | 16 | 16 | 24 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 8 | 13 0 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 22 | 23 | 27 | 12 | 12 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 26 | 24 | 24 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Gurdáspur ... | 26 | 22 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 27 | 27 | 28 | 12 | 12 | 11 | 120 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 27 | 27 | 24 | † | † | † | 140 | 120 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 24 | 24 | 25 | † | † | § | 105 | 105 | 105 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 25 | 25 | 26 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 28 | 29 | ‡ | ‡ | ‡ | 100 | 120 | 160 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 30 | 29 | 36 | 25 | 25 | 17 | 83 | 80 | 85 | 13 12 | 13 8 | 13 8 | 13 4 | 13 8 | 13 4 |
| Hazára ... | 32 | 32 | 27 | † | † | † | 100 | 100 | 120 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 27 | 32 | 34 | 29 | 29 | 20 | 98 | 100 | 87 | 44 0 | 42 0 | 44 0 | 42 0 | 37 0 | 36 0 |
| Kohát ... | 35 | 35 | 32 | 16 | 20 | † | 180 | 180 | 100 | 65 0 | 60 0 | 65 0 | 60 0 | 65 0 | 60 0 |
| Bannu ... | 51 | 53 | 34 | 16 | 15 | 13 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | § | 17 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 45 0 | 43 0 |
| D. G. Khan ... | § | § | 15 | § | § | § | 125 | 125 | 125 | 25 0 | 24 0 | 25 0 | 24 0 | 27 0 | 26 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 30th SEPTEMBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 17 | 20 | 20 | 24 | 16 | 16 | 26 | 21 | 21 | 27 | 8 0 | 8 0 | 8 8 | 7 8 | 7 8 | 7 0 | |
| 20 | 20 | 20 | 24 | 26 | 31 | 26 | 30 | 26 | 10 | 10 | 11 | 7 0 | 7 0 | 11 0 | 8 8 | 8 8 | 8 0 | |
| 21 | 22 | 27 | 19 | 20 | 23 | 21 | 21 | 21 | † | † | † | 8 8 | 8 4 | 11 0 | 8 0 | 8 0 | 7 0 | |
| 24 | 24 | 23 | 23 | 24 | 31 | 23 | 24 | 28 | 13 | 13 | 13 | 8 8 | 8 8 | 10 8 | 9 8 | 9 8 | 7 6 | |
| 25 | 20 | 24 | 23 | 23 | 30 | 27 | 25 | 25 | † | † | † | 8 0 | 8 0 | 13 0 | 10 0 | 8 8 | 8 9 | |
| 24 | 24 | 19 | 20 | 20 | 24 | 28 | 33 | 35 | 30 | 30 | 21 | 7 1 | 7 3 | 8 8 | 9 2 | 9 12 | 9 7 | |

† Not produced.

TULSI DAS, *Clerk of Statistics*,

*Office of Director of Land Records and Agriculture, Punjab*

## MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

CAUSE

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | Cholera. Males. | Cholera. Females. | Cholera. Total. | Small-pox. Children under one year. Males. | Small-pox. Children under one year. Females. | Small-pox. One to under 12 years. Males. | Small-pox. One to under 12 years. Females. | Small-pox. Twelve and over 12 years. Males. | Small-pox. Twelve and over 12 years. Females. | Total of Small-pox. | Fevers. Males. | Fevers. Females. | Fevers. Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 672,569 | 2,372 | 1,739 | 42 | 30 | ... | ... | ... | 1 | 1 | 5 | 5 | ... | ... | 12 | 762 | 593 | 1,355 |
| 2 | Rohtak ... | 553,609 | 2,580 | 1,295 | 55 | 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 537 | 410 | 947 |
| 3 | Gurgaon ... | 641,848 | 3,330 | 1,580 | 61 | 29 | 22 | 20 | 42 | 2 | 2 | 3 | 1 | 1 | ... | 9 | 471 | 464 | 935 |
| 4 | Delhi ... | 643,515 | 3,086 | 1,860 | 56 | 34 | 59 | 49 | 108 | ... | 1 | 2 | ... | ... | ... | 3 | 500 | 474 | 974 |
| 5 | Karnál ... | 645,298 | 2,867 | 2,339 | 52 | 43 | 89 | 80 | 169 | 11 | 6 | 27 | 23 | ... | ... | 67 | 704 | 623 | 1,327 |
| 6 | Umballa ... | 1,032,665 | 2,722 | 3,242 | 31 | 37 | 178 | 146 | 324 | 19 | 23 | 46 | 22 | 1 | 1 | 112 | 1,086 | 870 | 1,956 |
| 7 | Simla ... | 42,945 | 40 | 87 | 11 | 24 | ... | ... | ... | ... | ... | .. | 1 | 7 | 1 | 9 | 29 | 14 | 43 |
| 8 | Kángra ... | 730,845 | 2,423 | 2,484 | 39 | 40 | 112 | 82 | 194 | 1 | ... | ... | ... | ... | ... | 1 | 774 | 860 | 1,634 |
| 9 | Hoshiárpur | 901,381 | 3,404 | 3,067 | 44 | 40 | 4 | 3 | 7 | 1 | ... | ... | 1 | ... | 2 | 4 | 1,156 | 1,166 | 2,322 |
| 10 | Jullundur... | 789,555 | 2,852 | 2,357 | 43 | 35 | ... | ... | ... | ... | ... | 3 | 2 | ... | ... | 5 | 786 | 812 | 1,598 |
| 11 | Ludhiána ... | 618,835 | 1,957 | 1,558 | 37 | 30 | ... | ... | ... | 3 | 7 | 5 | 9 | ... | 1 | 25 | 582 | 538 | 1,120 |
| 12 | Ferozepore | 747,329 | 2,995 | 1,938 | 47 | 31 | ... | ... | ... | 3 | 2 | 11 | 5 | 1 | 1 | 23 | 701 | 638 | 1,339 |
| 13 | Mooltan ... | 551,964 | 2,153 | 942 | 46 | 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 | 255 | 545 |
| 14 | Jhang ... | 395,296 | 1,561 | 814 | 46 | 24 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 220 | 195 | 415 |
| 15 | Montgomery | 426,529 | 1,367 | 733 | 38 | 20 | 8 | 7 | 15 | 1 | 1 | 2 | ... | ... | ... | 4 | 187 | 173 | 360 |
| 16 | Lahore ... | 924,106 | 3,604 | 2,818 | 46 | 36 | 25 | 23 | 48 | 9 | 5 | 7 | 7 | 6 | ... | 34 | 985 | 872 | 1,857 |
| 17 | Amritsar ... | 893,266 | 3,632 | 3,255 | 48 | 43 | 24 | 17 | 41 | 5 | ... | 9 | 4 | ... | 1 | 19 | 1,051 | 1,021 | 2,072 |
| 18 | Gurdáspur | 823,695 | 3,851 | 3,698 | 55 | 53 | 21 | 19 | 40 | 2 | 1 | 6 | 5 | ... | 2 | 16 | 1,343 | 1,294 | 2,637 |
| 19 | Siálkot ... | 1,012,148 | 4,838 | 4,747 | 56 | 55 | ... | ... | ... | 8 | 11 | 23 | 21 | 1 | 2 | 66 | 1,626 | 1,508 | 3,134 |
| 20 | Gujrát ... | 689,115 | 2,412 | 2,721 | 41 | 46 | ... | ... | ... | 2 | 1 | 2 | 2 | 1 | ... | 8 | 1,103 | 1,001 | 2,104 |
| 21 | Gujránwála | 616,892 | 1,879 | 2,214 | 36 | 42 | ... | ... | ... | ... | ... | 1 | 2 | ... | ... | 3 | 931 | 797 | 1,728 |
| 22 | Shahpur ... | 421,508 | 1,536 | 864 | 43 | 24 | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | 2 | 295 | 254 | 549 |
| 23 | Jhelum ... | 589,373 | 1,515 | 1,860 | 30 | 37 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 698 | 702 | 1,400 |
| 24 | Ráwalpindi | 820,512 | 1,657 | 2,437 | 24 | 35 | ... | ... | ... | 1 | 1 | ... | 2 | ... | ... | 4 | 999 | 1,029 | 2,028 |
| 25 | Hazára ... | 407,075 | 865 | 960 | 25 | 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 412 | 429 | 841 |
| 26 | Peshávar ... | 592,674 | 840 | 672 | 17 | 13 | ... | ... | ... | 1 | 2 | 4 | 6 | ... | ... | 13 | 275 | 254 | 529 |
| 27 | Kohát ... | 181,640 | 353 | 346 | 23 | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 184 | 131 | 315 |
| 28 | Bannu ... | 332,577 | 587 | 577 | 21 | 20 | ... | ... | ... | 1 | 1 | 2 | 2 | 1 | ... | 7 | 279 | 223 | 502 |
| 29 | D. I. Khan | 441,649 | 813 | 556 | 22 | 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 278 | 175 | 453 |
| 30 | D. G. Khan | 363,346 | 655 | 327 | 21 | 11 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 160 | 120 | 280 |
| 31 | Muzaffargarh | 338,605 | 952 | 454 | 33 | 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 | 168 | 398 |
| | Total ... | 18,842,264 | 65,698 | 54,541 | 41 | 34 | 542 | 446 | 988 | 73 | 66 | 158 | 122 | 19 | 11 | 449 | 19,634 | 18,063 | 37,697 |
| | Total in previous month ... | ... | 56,195 | 40,212 | 35 | 25 | 257 | 143 | 400 | 116 | 84 | 306 | 264 | 25 | 34 | 829 | 14,415 | 12,856 | 27,271 |
| | Total in same month of past year ... | ... | 67,016 | 41,314 | 42 | 26 | 537 | 415 | 952 | 38 | 44 | 101 | 77 | 26 | 17 | 303 | 13,957 | 12,860 | 26,817 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE :
*The 3rd October* 1890.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th SEPTEMBER 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C | Srs. C. | Srs. C. |
| 8 0 | 8 0 | 12 0 | 6 8 | 6 8 | 6 0 |
| 9 0 | 9 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 9 0 | 9 0 | 8 0 |
| 7 0 | 7 0 | 7 8 | 7 0 | 7 0 | 6 0 |
| 10 0 | 10 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 5 0 | 5 0 | 6 8 | † | † | 2 4 |
| | | | | | |
| 6 0 | 6 0 | 10 0 | 7 0 | 7 0 | 8 0 |
| 6 12 | 6 12 | 10 8 | 7 8 | 7 12 | 8 0 |
| 7 0 | 8 0 | 9 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 7 0 | 11 0 | 8 8 | 8 8 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 10 0 | 7 12 | 7 12 | 6 8 |
| 8 8 | 8 0 | 12 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 8 4 | 10 0 | 9 0 | 9 0 | 9 0 |
| 7 8 | 8 0 | 10 0 | 9 0 | 9 0 | 7 2 |
| 7 12 | 7 12 | 12 0 | 9 12 | 8 0 | 8 0 |
| 8 8 | 8 8 | 14 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 9 0 | 9 8 | 16 0 | 8 0 | 8 0 | 9 0 |
| 8 8 | 8 8 | 13 0 | 8 0 | 8 0 | 10 0 |
| 10 0 | 10 0 | 12 8 | 8 8 | 8 8 | 8 8 |
| 8 8 | 8 8 | 11 0 | 9 0 | 8 0 | 9 0 |
| 10 0 | 8 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| 7 0 | 7 8 | 12 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 6 12 | 6 12 | 7 8 | § | § | § |
| 6 14 | 7 0 | 8 12 | 8 14 | 9 10 | 9 3 |
| 6 4 | 7 12 | 8 0 | 8 12 | 8 12 | 12 0 |
| | | | | | |
| 10 5 | 9 13 | 13 2 | 8 12 | 8 12 | 11 4 |
| 8 11 | 8 12 | 11 0 | § | § | 8 12 |
| 5 10 | 5 10 | 8 2 | 8 0 | 8 0 | 8 8 |
| 8 0 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 124 seers as compared with 123 seers in last fortnight and 121 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Karnál ... | 120 | 160 | 160 |
| Ferozepore ... | 100 | 105 | 105 |
| Montgomery ... | 200 | 253 | 253 |
| Jhelum ... | 160 | 120 | 100 |
| Kohát ... | 100 | 180 | 180 |
| Bannu ... | 60 | 80 | 80 |

*Lahori Salt.*—Prices average 12 seers 4 chataks as compared with 12 seers 3 chataks in last fortnight and 12 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C |
| Hissar ... | 10 0 | 11 4 | 11 4 |
| Ludhiána ... | 12 8 | 13 0 | 13 0 |
| Mooltan ... | 12 0 | 13 0 | 13 0 |
| Siálkot ... | 13 0 | 14 0 | 14 0 |

*Kohát Salt.*—Prices average 41 seers 10 chataks as compared with 41 seers 10 chataks in last fortnight and 41 seers in corresponding period of 1889. The following are the chief variations :—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Peshâwar ... | 36 | 42 | 42 |
| D. G. Khan ... | 26 | 24 | 24 |

*Gur.*—Prices average 7 seers 14 chataks as compared with 8 seers in last fortnight and 11 seers 1 chatak in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs C. | Srs. C. |
| Umballa ... | 12 0 | 8 0 | 8 0 |
| Ferozepore ... | 11 0 | 8 0 | 7 0 |
| Gurdáspur ... | 14 8 | 8 8 | 8 9 |
| Siálkot ... | 16 0 | 9 8 | 9 0 |
| Peshâwar ... | 8 12 | 7 0 | 6 14 |
| Muzaffargarh ... | 11 0 | 8 0 | 8 0 |

*Cotton (Unginned).*—Prices average 8 seers 6 chataks as compared with 8 seers 5 chataks in last fortnight and 8 seers 5 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C. |
| Gurgaon ... | 8 0 | 9 0 | 9 0 |
| Kángra ... | 8 0 | 7 0 | 7 0 |
| Lahore ... | 7 2 | 9 0 | 9 0 |
| Gujrát ... | 10 0 | 8 0 | 8 0 |
| Kohát ... | 12 0 | 8 12 | 8 12 |
| Bannu ... | 11 4 | 8 12 | 8 12 |

† Not produced.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR
FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Septr. 1890. | Past fortnight ending 15th Septr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 19 | 20 | 20 | 26 | ... | ... | ... | 14 | 11 | 13 | 21 | 21 | 26 | 17 | 16 | 21 | † | † | † |
| Ferozepore ... | 19 | 19 | 20 | 25 | 26 | 36 | ... | ... | ... | 10 | 9 | 9 | 30 | 28 | 28 | 20 | 22 | 24 | † | † | † |
| Mooltan ... | 16 | 16 | 16 | 27 | 28 | 27 | ... | ... | ... | 13 | 13 | 11 | 25 | 25 | 27 | 23 | 23 | 21 | † | † | † |
| Lahore ... | 19 | 19 | 20 | 27 | 27 | 35 | ... | ... | ... | 11 | 11 | 10 | 25 | 26 | 30 | 21 | 21 | 18 | § | § | § |
| Amritsar ... | 20 | 20 | 22 | 27 | 27 | 33 | ... | ... | ... | 13 | 13 | 12 | 26 | 25 | 26 | 18 | 17 | 17 | † | † | † |
| Peshâwar ... | 19 | 20 | 23 | 33 | 35 | 51 | ... | ... | ... | 12 | 12 | 12 | 37 | 37 | 46 | 26 | 26 | 15 | † | † | † |

† Not produced.
§ Not procurable.

**THE MONTH OF AUGUST 1890.**

*the Punjab during the month of August* 1890.

OF DEATH.

| *Dysentery and Diarrhœa.* | | | INJURIES. *Suicide.* | | | *Wounding.* | | | *Accidents.* | | | *Snake-bite and killed by wild beasts.* | | | *All other causes.* | | | TOTAL DEATHS FROM ALL CAUSES. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 42 | 34 | 76 | 2 | ... | 2 | ... | ... | ... | 13 | 6 | 19 | 6 | 1 | 7 | 158 | 110 | 268 | 989 | 750 | 1,739 |
| 37 | 18 | 55 | ... | ... | ... | ... | ... | ... | 3 | 7 | 10 | 3 | 2 | 5 | 155 | 123 | 278 | 735 | 560 | 1,295 |
| 85 | 64 | 149 | 1 | 6 | 7 | ... | 1 | 1 | 6 | 11 | 17 | 1 | 3 | 4 | 243 | 173 | 416 | 835 | 745 | 1,580 |
| 44 | 33 | 77 | 1 | 1 | 2 | 1 | ... | 1 | 11 | 11 | 22 | 2 | 2 | 4 | 368 | 301 | 669 | 988 | 872 | 1,860 |
| 46 | 36 | 82 | 1 | 2 | 3 | ... | ... | ... | 6 | 8 | 14 | 3 | 9 | 12 | 375 | 290 | 665 | 1,262 | 1,077 | 2,339 |
| 118 | 94 | 212 | 1 | ... | 1 | ... | ... | ... | 20 | 15 | 35 | 3 | 1 | 4 | 336 | 262 | 598 | 1,808 | 1,434 | 3,242 |
| 6 | 3 | 9 | 1 | ... | 1 | 1 | ... | 1 | 2 | ... | 2 | 1 | ... | 1 | 16 | 5 | 21 | 63 | 24 | 87 |
| 61 | 61 | 122 | 2 | ... | 2 | ... | ... | ... | 18 | 16 | 34 | 9 | 6 | 15 | 232 | 250 | 482 | 1,209 | 1,275 | 2,484 |
| 57 | 45 | 102 | 2 | 1 | 3 | 1 | 1 | 2 | 19 | 7 | 26 | 9 | 2 | 11 | 311 | 279 | 590 | 1,560 | 1,507 | 3,067 |
| 41 | 46 | 87 | 1 | 2 | 3 | ... | ... | ... | 9 | 6 | 15 | 3 | ... | 3 | 339 | 307 | 646 | 1,182 | 1,175 | 2,357 |
| 20 | 11 | 31 | ... | ... | ... | ... | ... | ... | 6 | 4 | 10 | 1 | 2 | 3 | 183 | 186 | 369 | 800 | 758 | 1,558 |
| 32 | 14 | 46 | ... | 3 | 3 | 2 | ... | 2 | 3 | 10 | 13 | 3 | 2 | 5 | 243 | 264 | 507 | 999 | 939 | 1,938 |
| 24 | 24 | 48 | ... | ... | ... | ... | ... | ... | 22 | 9 | 31 | 23 | 3 | 26 | 149 | 143 | 292 | 508 | 434 | 942 |
| 14 | 19 | 33 | ... | ... | ... | ... | ... | ... | 7 | 5 | 12 | 10 | 2 | 12 | 177 | 164 | 341 | 429 | 385 | 814 |
| 5 | 11 | 16 | ... | ... | ... | ... | ... | ... | 11 | 4 | 15 | 7 | 1 | 8 | 172 | 143 | 315 | 393 | 340 | 733 |
| 49 | 27 | 76 | 1 | 2 | 3 | ... | 1 | 1 | 15 | 13 | 28 | 15 | 2 | 17 | 390 | 364 | 754 | 1,502 | 1,316 | 2,818 |
| 52 | 37 | 89 | 1 | 1 | 2 | 1 | ... | 1 | 25 | 11 | 36 | 2 | 1 | 3 | 493 | 499 | 992 | 1,663 | 1,592 | 3,255 |
| 66 | 46 | 112 | ... | ... | ... | ... | ... | ... | 10 | 7 | 17 | 9 | ... | 9 | 484 | 383 | 867 | 1,941 | 1,757 | 3,698 |
| 116 | 108 | 224 | 1 | ... | 1 | 1 | ... | 1 | 30 | 10 | 40 | 6 | 1 | 7 | 671 | 603 | 1,274 | 2,483 | 2,264 | 4,747 |
| 21 | 19 | 40 | ... | ... | ... | 1 | ... | 1 | 12 | 11 | 23 | 7 | 1 | 8 | 297 | 240 | 537 | 1,446 | 1,275 | 2,721 |
| 41 | 22 | 63 | ... | ... | ... | ... | ... | ... | 15 | 3 | 18 | 18 | 3 | 21 | 225 | 156 | 381 | 1,231 | 983 | 2,214 |
| 12 | 13 | 25 | ... | ... | ... | ... | ... | ... | 4 | 8 | 12 | 11 | 2 | 13 | 161 | 102 | 263 | 483 | 381 | 864 |
| 33 | 21 | 54 | ... | ... | ... | 4 | 2 | 6 | 15 | 12 | 27 | 3 | 1 | 4 | 184 | 184 | 368 | 938 | 922 | 1,860 |
| 10 | 11 | 21 | 1 | ... | 1 | 1 | 2 | 3 | 29 | 9 | 38 | 9 | 1 | 10 | 186 | 146 | 332 | 1,236 | 1,201 | 2,437 |
| 5 | 7 | 12 | ... | ... | ... | ... | ... | ... | 6 | 3 | 9 | 1 | 1 | 2 | 56 | 40 | 96 | 480 | 480 | 960 |
| 5 | 3 | 8 | ... | ... | ... | 2 | ... | 2 | 9 | 3 | 12 | 5 | ... | 5 | 61 | 42 | 103 | 362 | 310 | 672 |
| ... | 2 | 2 | ... | ... | ... | 2 | 1 | 3 | 1 | 2 | 3 | 3 | ... | 3 | 9 | 11 | 20 | 199 | 147 | 346 |
| 14 | 7 | 21 | ... | 1 | 1 | 1 | ... | 1 | 4 | 2 | 6 | ... | 1 | 1 | 21 | 17 | 38 | 323 | 254 | 577 |
| 5 | 7 | 12 | ... | ... | ... | 1 | ... | 1 | 5 | 2 | 7 | 1 | 1 | 2 | 50 | 31 | 81 | 340 | 216 | 556 |
| 1 | 1 | 2 | 1 | 2 | 3 | 1 | ... | 1 | 5 | 1 | 6 | 8 | 1 | 9 | 9 | 16 | 25 | 185 | 142 | 327 |
| 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 13 | 9 | 22 | 8 | 4 | 12 | 11 | 10 | 21 | 263 | 191 | 454 |
| 1,063 | 844 | 1907 | 17 | 21 | 38 | 20 | 8 | 28 | 354 | 225 | 579 | 190 | 56 | 246 | 6,765 | 5,844 | 12,609 | 28,835 | 25,706 | 54,541 |
| 582 | 428 | 1010 | 16 | 22 | 38 | 24 | 7 | 31 | 359 | 223 | 582 | 168 | 77 | 245 | 5,293 | 4,513 | 9,806 | 21,561 | 18,651 | 40,212 |
| 965 | 698 | 1663 | 15 | 26 | 41 | 27 | 7 | 34 | 337 | 234 | 571 | 204 | 73 | 277 | 5,687 | 4,969 | 10,656 | 21,894 | 19,420 | 41,314 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Sixty-five thousand six hundred and ninety-eight births were registered in the Province during the month of August 1890, giving a birth-rate of 41 per mille of population. Of the total number of births, 35,136 were boys and 30,562 were girls.

The total number of deaths registered from all causes in the Province during the month of August 1890 was 54,541 against 40,212 in the previous month and 41,314 in the corresponding month of the past year, giving an annual death-rate of 34, 25 and 26 per mille of population per annum respectively.

There were 988 deaths registered under the head of cholera.

From small-pox 449 deaths were registered against 829 in the previous month and 303 in the corresponding month of the past year; fevers 37,697 against 27,271 and 26,817. There were 10,426 more deaths registered from fever than in the previous month. The average number of fever deaths registered during the corresponding month of the five years 1885—1889 was 25,176, or 12,521 less than the number registered during the month under review. There were 1,907 deaths registered under dysentery and diarrhœa against 1,010 in the previous month and 1,663 under bowel complaints in the corresponding month of the past year.

During the month there were 38 deaths registered from suicide against 38 in the past month; wounding 28 against 31; accidents 579 against 582; snake-bite and killed by wild beasts 246 against 245; and from all other causes 12,609 against 9,806 and 10,656 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 3rd October 1890.*

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of August* 1890.

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 995 | 797 | 1,792 | 326 | 254 | 580 | ... | ... | ... | 1,321 | 1,051 | 2,372 | 42 |
| 2 | Rohtak ... | ... | ... | ... | 1,210 | 1,046 | 2,256 | 170 | 154 | 324 | ... | ... | ... | 1,380 | 1,200 | 2,580 | 55 |
| 3 | Gurgaon ... | ... | ... | ... | 1,199 | 1,058 | 2,257 | 563 | 510 | 1,073 | ... | ... | ... | 1,762 | 1,568 | 3,330 | 61 |
| 4 | Delhi ... | 1 | 2 | 3 | 1,269 | 1,097 | 2,366 | 387 | 329 | 716 | ... | 1 | 1 | 1,657 | 1,429 | 3,086 | 56 |
| 5 | Karnál ... | ... | ... | ... | 1,137 | 969 | 2,106 | 407 | 354 | 761 | ... | ... | ... | 1,544 | 1,323 | 2,867 | 52 |
| 6 | Umballa ... | ... | ... | ... | 1,038 | 875 | 1,913 | 426 | 383 | 809 | ... | ... | ... | 1,464 | 1,258 | 2,722 | 31 |
| 7 | Simla ... | ... | ... | ... | 14 | 16 | 30 | 7 | 3 | 10 | ... | ... | ... | 21 | 19 | 40 | 11 |
| 8 | Kángra ... | ... | ... | ... | 1,209 | 1,109 | 2,318 | 52 | 53 | 105 | ... | ... | ... | 1,261 | 1,162 | 2,423 | 39 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,178 | 1,008 | 2,186 | 621 | 597 | 1,218 | ... | ... | ... | 1,799 | 1,605 | 3,404 | 44 |
| 10 | Jullundur ... | ... | ... | ... | 767 | 675 | 1,442 | 708 | 702 | 1,410 | ... | ... | ... | 1,475 | 1,377 | 2,852 | 43 |
| 11 | Ludhiána ... | ... | 1 | 1 | 683 | 558 | 1,241 | 374 | 341 | 715 | ... | ... | ... | 1,057 | 900 | 1,957 | 37 |
| 12 | Ferozepore ... | ... | ... | ... | 834 | 721 | 1,555 | 754 | 686 | 1,440 | ... | ... | ... | 1,588 | 1,407 | 2,995 | 47 |
| 13 | Mooltan ... | ... | ... | ... | 235 | 198 | 433 | 912 | 808 | 1,720 | ... | ... | ... | 1,147 | 1,006 | 2,153 | 46 |
| 14 | Jhang ... | ... | ... | ... | 183 | 160 | 343 | 673 | 545 | 1,218 | ... | ... | ... | 856 | 705 | 1,561 | 46 |
| 15 | Montgomery ... | ... | ... | ... | 162 | 148 | 310 | 549 | 507 | 1,056 | 1 | ... | 1 | 712 | 655 | 1,367 | 38 |
| 16 | Lahore ... | ... | ... | ... | 586 | 475 | 1,061 | 1,325 | 1,218 | 2,543 | ... | ... | ... | 1,911 | 1,693 | 3,604 | 46 |
| 17 | Amritsar ... | ... | 1 | 1 | 943 | 876 | 1,819 | 935 | 877 | 1,812 | ... | ... | ... | 1,878 | 1,754 | 3,632 | 48 |
| 18 | Gurdáspur ... | 3 | 3 | 6 | 969 | 821 | 1,790 | 1,051 | 1,002 | 2,053 | ... | 2 | 2 | 2,023 | 1,828 | 3,851 | 55 |
| 19 | Siálkot ... | 9 | 5 | 14 | 748 | 670 | 1,418 | 1,802 | 1,604 | 3,406 | ... | ... | ... | 2,559 | 2,279 | 4,838 | 56 |
| 20 | Gujrát ... | ... | ... | ... | 143 | 136 | 279 | 1,138 | 992 | 2,130 | 1 | 2 | 3 | 1,282 | 1,130 | 2,412 | 41 |
| 21 | Gujránwála ... | ... | ... | ... | 261 | 226 | 487 | 744 | 648 | 1,392 | ... | ... | ... | 1,005 | 874 | 1,879 | 36 |
| 22 | Shahpur ... | ... | 1 | 1 | 143 | 119 | 262 | 694 | 576 | 1,270 | 2 | 1 | 3 | 839 | 697 | 1,536 | 43 |
| 23 | Jhelum ... | ... | ... | ... | 83 | 67 | 150 | 667 | 698 | 1,365 | ... | ... | ... | 750 | 765 | 1,515 | 30 |
| 24 | Ráwalpindi ... | ... | 1 | 1 | 97 | 80 | 177 | 794 | 683 | 1,477 | 1 | 1 | 2 | 892 | 765 | 1,657 | 24 |
| 25 | Hazára ... | ... | ... | ... | 11 | 12 | 23 | 473 | 369 | 842 | ... | ... | ... | 484 | 381 | 865 | 25 |
| 26 | Pesháwar ... | ... | ... | ... | 21 | 11 | 32 | 520 | 285 | 805 | 1 | 2 | 3 | 542 | 298 | 840 | 17 |
| 27 | Kohát ... | ... | ... | ... | 12 | 6 | 18 | 200 | 135 | 335 | ... | ... | ... | 212 | 141 | 353 | 23 |
| 28 | Bannu ... | ... | ... | ... | 45 | 27 | 72 | 298 | 217 | 515 | ... | ... | ... | 343 | 244 | 587 | 21 |
| 29 | Dera Ismail Khan | ... | ... | ... | 86 | 63 | 149 | 385 | 279 | 664 | ... | ... | ... | 471 | 342 | 813 | 22 |
| 30 | Dera Ghází Khan | ... | ... | ... | 68 | 50 | 118 | 291 | 236 | 527 | 4 | 6 | 10 | 363 | 292 | 655 | 21 |
| 31 | Muzaffargarh ... | ... | ... | ... | 83 | 64 | 147 | 452 | 345 | 797 | 3 | 5 | 8 | 538 | 414 | 952 | 33 |
| | TOTAL ... | 13 | 14 | 27 | 16,412 | 14,138 | 30,550 | 18,698 | 16,390 | 35,088 | 13 | 20 | 33 | 35,136 | 30,562 | 65,698 | 41 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 3rd October* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 13th SEPTEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 2 | 14 | 16 | 10 | 5 | 5 | ... | ... | 4 | 3 | ... | 3 | ... | 2 | 2 | 59 | |
| 2 | | Hansi ... | 12,656 | 13 | 6 | 19 | 13 | 7 | 6 | ... | ... | 5 | 5 | ... | 3 | 2 | ... | 2 | 78 | |
| 3 | | Bhiwani ... | 33,762 | 16 | 12 | 28 | 51 | 25 | 26 | ... | ... | 25 | 3 | ... | 23 | 9 | 7 | 16 | 43 | |
| 4 | | Sirsa ... | 12,292 | 5 | 7 | 12 | 51 | 9 | 6 | ... | ... | 10 | ... | ... | 5 | 3 | 1 | 4 | 51 | |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 7 | 9 | 16 | 19 | 9 | 10 | ... | ... | 9 | ... | ... | 10 | 4 | 3 | 7 | 53 | |
| 6 | | Jhajjar ... | 11,650 | 8 | 4 | 12 | 6 | 2 | 4 | ... | ... | 4 | 1 | ... | 1 | ... | ... | ... | 54 | |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 10 | 12 | 22 | 21 | 13 | 8 | ... | ... | 11 | 4 | ... | 6 | 6 | 5 | 11 | 47 | |
| 8 | | Palwal ... | 10,635 | 3 | 9 | 12 | 8 | 3 | 5 | ... | ... | 3 | 1 | ... | 4 | 1 | ... | 1 | 59 | |
| 9 | Delhi ... | Delhi ... | 117,363 | 82 | 72 | 154 | 171 | 78 | 93 | 1 | 1 | 114 | 9 | ... | 46 | 30 | 26 | 56 | 68 | |
| 10 | | " Suburbs ... | 52,882 | 37 | 23 | 60 | 32 | 19 | 13 | 1 | ... | 17 | 3 | 1 | 10 | 1 | 2 | 3 | 59 | |
| 11 | | Sonepat ... | 13,077 | 9 | 10 | 19 | 77 | 42 | 35 | 34 | ... | 34 | 1 | ... | 8 | 4 | 4 | 8 | 76 | 307 |
| 12 | Karnal ... | Karnal ... | 23,133 | 17 | 7 | 24 | 39 | 20 | 19 | ... | 3 | 21 | 4 | ... | 11 | 10 | 5 | 15 | 54 | |
| 13 | | Kaithal ... | 14,754 | 17 | 7 | 24 | 42 | 22 | 20 | 16 | ... | 18 | ... | ... | 8 | 2 | 3 | 5 | 85 | |
| 14 | | Panipat ... | 26,572 | 10 | 13 | 23 | 30 | 12 | 18 | ... | ... | 20 | 1 | ... | 9 | 2 | 9 | 11 | 45 | |
| 15 | Umballa ... | Umballa ... | 26,777 | 18 | 21 | 39 | 113 | 58 | 55 | 4 | ... | 74 | 16 | ... | 19 | 10 | 4 | 14 | 76 | |
| 16 | | Jagadhri ... | 12,300 | 9 | 8 | 17 | 31 | 13 | 18 | 12 | 2 | 8 | 2 | ... | 7 | 2 | 1 | 3 | 72 | 13 |
| 17 | | Shahabad ... | 10.218 | 3 | 5 | 8 | 48 | 28 | 20 | 31 | ... | 9 | ... | ... | 8 | 2 | 2 | 4 | 41 | |
| 18 | | Sadhaura ... | 10,794 | 2 | 4 | 6 | 11 | 6 | 5 | 2 | ... | 6 | 1 | ... | 2 | ... | ... | ... | 29 | |
| 19 | | Rupar ... | 10,326 | 5 | 4 | 9 | 7 | 6 | 1 | ... | ... | 4 | 1 | ... | 2 | 1 | ... | 1 | 45 | |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 8 | 10 | 18 | 23 | 10 | 13 | ... | ... | 15 | 4 | ... | 4 | 3 | 6 | 9 | 71 | |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 11 | 17 | 21 | 7 | 14 | ... | ... | 18 | 1 | ... | 2 | 5 | 7 | 12 | 86 | 10 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 19 | 19 | 38 | 41 | 24 | 17 | ... | ... | 25 | 8 | ... | 8 | 13 | 5 | 18 | 64 | |
| 23 | | " Suburbs ... | 11,474 | 8 | 9 | 17 | 15 | 5 | 10 | ... | ... | 8 | 2 | ... | 5 | 4 | 5 | 9 | 77 | |
| 24 | | Rahon ... | 11,736 | 7 | 11 | 18 | 10 | 5 | 5 | ... | ... | 7 | 2 | ... | 1 | 4 | 1 | 5 | 80 | |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 26 | 31 | 57 | 61 | 32 | 29 | ... | 1 | 46 | 3 | ... | 11 | 10 | 6 | 16 | 67 | |
| 26 | | Jagraon ... | 16,873 | 3 | 9 | 12 | 22 | 6 | 16 | ... | ... | 13 | 4 | ... | 5 | 2 | 3 | 5 | 37 | |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 4 | 7 | 11 | 21 | 15 | 6 | ... | ... | 17 | 1 | ... | 3 | 1 | 2 | 3 | 27 | |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 24 | 25 | 49 | 16 | 10 | 6 | ... | ... | 5 | 6 | ... | 5 | 5 | 3 | 8 | 80 | |
| 29 | | " Suburbs ... | 25,593 | 13 | 14 | 27 | 18 | 10 | 8 | ... | ... | 8 | 2 | ... | 8 | 3 | 2 | 5 | 55 | |
| 30 | Jhang ... | Maghiana ... | 12,574 | 12 | 7 | 19 | 20 | 8 | 12 | ... | ... | 5 | 2 | ... | 13 | 2 | 7 | 9 | 79 | |
| 31 | | Chiniot ... | 11,191 | 8 | 5 | 13 | 22 | 9 | 13 | ... | ... | 16 | 1 | 1 | 4 | ... | 1 | 1 | 61 | 10 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery & Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 59 | 50 | 109 | 154 | 78 | 76 | 2 | ... | 105 | 14 | ... | 33 | 21 | 12 | 33 | 58 | 83 |
| 33 | Lahore ... | " Suburbs ... | 41,670 | 9 | 7 | 16 | 41 | 22 | 19 | ... | ... | 26 | 2 | ... | 13 | 2 | 4 | 6 | 20 | 51 |
| 34 | Lahore ... | Kasur ... | 17,336 | 12 | 7 | 19 | 78 | 41 | 37 | ... | ... | 68 | 6 | ... | 4 | 9 | 2 | 11 | 57 | 235 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 89 | 75 | 164 | 414 | 221 | 193 | 25 | ... | 276 | 15 | 1 | 97 | 53 | 40 | 93 | 59 | 150 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 16 | 18 | 34 | 32 | 16 | 16 | ... | ... | 29 | ... | ... | 3 | 1 | 1 | 2 | 73 | 69 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 18 | 19 | 37 | 38 | 16 | 22 | ... | 1 | 18 | 3 | ... | 16 | 5 | 7 | 12 | 57 | 59 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 12 | 10 | 22 | 117 | 60 | 57 | ... | ... | 111 | 2 | ... | 4 | 8 | 7 | 15 | 61 | 325 |
| 39 | Gujrat ... | Jalalpur ... | 12,839 | 9 | 7 | 16 | 49 | 30 | 19 | ... | ... | 40 | 1 | ... | 8 | ... | 2 | 2 | 65 | 199 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 12 | 19 | 31 | 28 | 13 | 15 | 3 | ... | 17 | 4 | 1 | 3 | 4 | 2 | 6 | 71 | 64 |
| 41 | Gujranwala ... | Wazirabad ... | 16,462 | 7 | 12 | 19 | 40 | 19 | 21 | ... | ... | 34 | 1 | ... | 5 | 5 | 5 | 10 | 60 | 127 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 10 | 12 | 22 | 12 | 6 | 6 | ... | ... | 6 | 3 | ... | 3 | 2 | 2 | 4 | 76 | 41 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 5 | 3 | 8 | 14 | 6 | 8 | ... | ... | 13 | 1 | ... | ... | 2 | ... | 2 | 25 | 44 |
| 44 | Jhelum ... | Pind Dadan Khan ... | 16,724 | 4 | 8 | 12 | 20 | 13 | 7 | ... | ... | 13 | 2 | ... | 5 | 8 | 1 | 9 | 37 | 62 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 9 | 22 | 31 | 28 | 22 | 6 | ... | ... | 18 | 4 | 1 | 5 | 11 | 2 | 13 | 58 | 53 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 26 | 13 | 39 | 39 | 21 | 18 | ... | ... | 25 | ... | ... | 14 | 5 | 7 | 12 | 34 | 34 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 4 | 9 | 5 | 1 | 4 | ... | ... | 4 | 1 | ... | ... | ... | 2 | 2 | 35 | 19 |
| 48 | D. I. Khan ... | D. I. Khan ... | 18,988 | 11 | 8 | 19 | 10 | 2 | 8 | ... | ... | 4 | 2 | ... | 4 | 1 | 1 | 2 | 52 | 27 |
| 49 | D. G. Khan ... | D. G. Khan ... | 19,687 | 5 | 10 | 15 | 12 | 7 | 5 | ... | ... | 10 | ... | ... | 2 | 1 | ... | 1 | 40 | 32 |
| | Birth and death rate of London for the week ending 23rd August 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·3 | 19·2 |
| | | Grand Total ... | 1,311,790 | 729 | 709 | 1,438 | 2,165 | 1,112 | 1,053 | 131 | 8 | 1,396 | 152 | 5 | 473 | 279 | 219 | 498 | 57 | 86 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... | 12,305 | 1 | 2 | 3 | 23 | 17 | 6 | ... | ... | 15 | ... | ... | 8 | 3 | 1 | 4 | 13 | 97 |
| | Dharmsala ... | ... ... | 3,839 | 2 | 1 | 3 | 2 | 1 | 1 | ... | ... | 1 | ... | ... | 1 | 1 | ... | 1 | 41 | 27 |
| | Dalhousie ... | ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... | 2,489 | 1 | ... | 1 | 7 | 4 | 3 | ... | ... | 4 | 1 | ... | 2 | 1 | ... | 1 | 21 | 147 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th October 1890.*

A. STEPHEN, *Surgeon-Major*,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 13th September 1890.*

*General results.*—The total deaths registered from all causes in the Province were 25,460 against 19,217 in the previous week and 11,853 in the corresponding week of the past year, giving respectively an annual death-rate of 70·5, 53·2 and 32·8 per 1,000 of population. Owing principally to the enormous number of deaths registered under the head of fevers the death-rate for the week under review is 17·3 per 1,000 greater than the very high rate registered in the previous week and was as much as 39·3 per 1,000 higher than the average rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 318 deaths registered under the head of cholera against 364 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Rohtak ... ... | Kharkhauda Town ... ... | 7 |
| Gurgaon ... ... | Rural Circle ... ... ... | 1 |
| Delhi ... ... | Delhi City ... ... ... | 1 |
| Do. ... ... | „ Suburbs ... ... ... | 1 |
| Do. ... ... | Sonepat Town ... ... ... | 34 |
| Do. ... ... | Faridabad Town ... ... | 1 |
| Do. ... ... | Rural Circles ... ... ... | 38 |
| Karnal ... ... | Kaithal Town ... ... ... | 16 |
| Do. ... ... | Rural Circle ... ... ... | 21 |
| Umballa ... ... | Umballa Town ... ... ... | 4 |
| Do. ... ... | Jagadhri Town ... ... ... | 12 |
| Do. ... ... | Shahabad Town... ... ... | 31 |
| Do. ... ... | Sadhaura Town... ... ... | 2 |
| Do. ... ... | Rural Circles ... ... ... | 107 |
| Kangra ... ... | Rural Circles ... ... ... | 4 |
| Lahore ... ... | Lahore City ... ... ... | 2 |
| Do. ... ... | Rural Circle ... ... ... | 2 |
| Amritsar ... ... | Amritsar City ... ... ... | 25 |
| Do. ... ... | Rural Circle ... ... ... | 1 |
| Gurdaspur ... ... | Sujanpur Town ... ... ... | 4 |
| Do. ... ... | Rural Circle ... ... ... | 1 |
| Gujranwala ... ... | Gujranwala Town ... ... | 3 |
| | Total ... | 318 |

*Small-pox.*—From small-pox 54 deaths were registered against 76 in the previous week and 58 in the corresponding week of the past year.

*Fevers.*—From fevers there were 20,397 deaths against 14,457 in the previous week and 8,108 in the corresponding week of the past year. The mortality registered under the head of fevers was at the excessive rate of 56·4 per 1,000, there having been 5,940 more deaths registered under that head than the very large number registered during the previous week. The greatest increase was registered in the districts of Umballa, Hoshiarpur, Ferozepore, Lahore, Amritsar, Gurdaspur, Sialkot, Gujrat and Gujranwala. In the district of Gujrat the registered fever mortality was at the enormous rate of 153·4 per 1,000.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 588 deaths against 539 in the previous week and 505 in the corresponding week of the past year registered under head of bowel complaints.

*Chest disease.*—Six hundred and seventy-five against 606 and 516.

*Snake-bite.*—Twenty-eight against 37 and 51.

*Hydrophobia.*—Two against 1 and 1.

*All other Causes.*—Three thousand three hundred and ninety-eight against 3,137 in the previous week and 2,362 in the corresponding week of the past year.

*Infantile mortality.*—Five thousand eight hundred and forty-nine deaths were registered in the Province amongst infants under one year of age, of which number 3,030 were males and 2,819 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 2,165 deaths were registered (1,112 males and 1,053 females), giving a death-rate of 86 per mille of population; 1,438 births were registered (729 males and 709 females), giving a birth-rate of 57 per mille of population. The death-rate of the 49 large municipal towns was as much as 42·1 per 1,000 higher than the average rate of the corresponding week of the five years 1885—1889. The mortality of the towns of Gujrat, Sonepat, Shahabad, Kasur and Umballa was at the excessive rate of 325, 307, 245 235 and 220 per 1,000 respectively. The mortality of the City of Amritsar was at the very high rate of 150 per 1,000.

LAHORE:
*The 4th October 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—9-10-90—690.

No. 40. of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 2, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 30th SEPTEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | 0·58 at Hissar. 0·43 in Hánsi. 0·21 in Bhiwáni. 0·48 in Barwála. | Sufficient. | Rising. | Crops suffering for want of rain. | ... |
| 2 | Delhi ... | 0·17 at Sadr. 0·44 in Sonipat. 0·69 in Ballabgarh. | ... | Fluctuating. | ... | ... |
| 3 | Umballa ... | 0·50 | ... | Stationary. | Harvesting in progress. | ... |
| 4 | Jullundur ... | 0·85 | Insufficient. | Do. | Condition of standing crops average. | ... |
| 5 | Ferozepore ... | 0·57 at Sadr 0·50 in City. 0·22 in Zíra. | ... | Do. | Crops suffering. | ... |
| 6 | Amritsar ... | 0·50 at Amritsar. 0·90 at Ajnála. 0·20 in Tarn Táran. | Sufficient. | Do. | Crops average. Locusts have appeared in two Tahsíls, but little damage. | Prospects improved. |
| 7 | Siálkot ... | Rainfall throughout. | Do. | Do. | Prospects excellent. | Sowings in progress. |
| 8 | Lahore ... | 0·21 at Sadr. | Do. | Do. | Prospects of standing crops on chahi and nahri lands good, but baráni crops are withering for want of rain. | Ploughing in progress. Rain wanted for sarson and gram sowings on high lands. |
| 9 | Mooltan ... | ... | ... | Do. | Canals all dry. Some water in Sidhnai. | ... |
| 10 | Ráwalpindi ... | 0·25 at Ráwalpindi. 1·15 in Kahúta. 0·40 in Gujar Khan. 0·80 in Murree. | Sufficient. | Falling. | Outturn average. | ... |
| 11 | Shahpur ... | ... | Do. | Stationary. | Crops expected to be below average owing to want of rain. | Wheat sowings commenced. |
| 12 | D. I. Khan ... | ... | Fodder supply good. | Do. | Condition of crops good. | Sowings commenced. |
| 13 | Peshâwar ... | ... | Sufficient. | Do. | Condition of crops average. | ... |

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING AUGUST 1890.

TABLE A.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, August 1890. | Normal direction and force, August. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | Humidity. | Vapour tension. | Amount of cloud 10 = overcast. |
| Delhi ... | 29·576 | + ·009 | S. 77° W. 2 | S. 19° W. 4 | 81·1 | 91·1 | — 0·8 | 78·2 | — 1·0 | — 0·9 | 78 | ·826 | 5 |
| Sirsa ... | 29·586 | + ·035 | S. 13° W. 8 | S. 32° W. 5 | 83·1 | 95·7 | — 1·8 | 78·8 | — 0·7 | — 1·3 | 75 | ·849 | 4 |
| Ludhiána ... | 29·580 | + ·017 | S. 87° W. 2 | S. 66° E. 1 | 81·6 | 91·8 | — 0·7 | 77·0 | — 1·9 | — 1·3 | 78 | ·843 | 6 |
| Lahore ... | 29·571 | + ·026 | S. 22° E. 3 | S. 83° E. 3 | 81·5 | 91·2 | — 5·3 | 76·4 | — 3·0 | — 4·2 | 80 | ·863 | 5 |
| Montgomery . | 29·557 | ? | S. 9 | ? ? | 86·0 | 99·3 | ? | 79·5 | ? | ? | 67 | ·836 | 3 |
| Siálkot ... | 29·570 | + ·014 | N. 83° E. 3 | S. 89° E. 2 | 79·4 | 87·7 | — 6·7 | 75·2 | — 2·3 | — 4·5 | 88 | ·894 | 5 |
| Ráwalpindi ... | 29·558 | + ·024 | S. 74° E. 3 | S. 58° E. 2 | 78·1 | 89·6 | — 4·2 | 72·7 | — 2·6 | — 3·4 | 84 | ·816 | 5 |
| Peshawar ... | 29·543 | + ·031 | N. 9° W. 3 | N. 42° E. 4 | 80·9 | 95·1 | — 4·3 | 75·8 | — 2·3 | — 3·3 | 78 | ·828 | 4 |
| Dera Ismail Khan ... | 29·540 | + ·018 | N. 78° E. 2 | S. 75° E. 2 | 83·8 | 99·2 | — 2·5 | 78·8 | — 1·4 | — 2·0 | 70 | ·820 | 4 |
| Mooltan ... | 29·553 | + ·036 | S. 27° E 2 | S. 19° W. 3 | 85·0 | 98·6 | — 1·6 | 79·3 | — 2·7 | — 2·2 | 68 | ·804 | 3 |
| Simla ... | 22·965 | ... | S. 83° E. ... | S. 77° W. ... | 61·0 | 66·9 | — 3·5 | 58·7 | — 1·1 | — 2·3 | 93 | ·503 | 8 |
| Murree ... | 23·752 | + ·008 | N. 6 | S. 4° E. 5 | 63·7 | 71·3 | — 3·0 | 56·8 | — 4·5 | — 3·8 | 87 | ·520 | 7 |

The strongly marked monsoon conditions which prevailed during July have continued during August. The monsoon current blowing across the Arabian Sea has been strong, on some occasions exceptionally strong, and moist winds have blown freely into the Punjab, where monsoon weather has prevailed uninterruptedly and general rain has fallen. August is ordinarily a month in which some uncertainty as to the steady continuance of the monsoon often arises. In recent years breaks in the rains of greater or less duration have usually commenced about the middle of this month. These breaks are usually brought about by a falling-off in the general strength of the monsoon current as well as by an abnormal excess of pressure over Central India, Rájpútána and the south-east of the Punjab, whereby a ridge of relatively high pressure is formed which acts as a barrier to the proper advance of the monsoon into North-West India. During the present month there were on some occasions inclinations towards this condition developed, but the strength of the general monsoon overcame the tendency to a high pressure distribution in the north-west and the moist monsoon currents entered the Punjab without serious interruption throughout the month.

From August 1st to 10th the normal barometric distribution prevailed over India. A large low pressure area overlay the west of the Punjab and an arm of relatively low pressure extended south-eastward from that Province to

the Bay of Bengal. Under these conditions both branches of the monsoon fed into this Province and the rainfall was heavy and general. On the 11th however readings became very uniform over the whole of North-Western India, the winds became variable, the rain became very slight and the weather cleared slightly. These conditions lasted till the 14th, when gradients again increased under the influence of a barometric fall in the extreme west and rain recommenced generally along the foot of the hills. From the 14th to 22nd there was no change, rain falling over and along the foot of the hills but not in other parts of the Province. On the 23rd the fall extended to most parts of the Province, but on the 24th it again fell off, and for the last week of the month only scattered showers were recorded though the weather throughout was close, cloudy and damp.

*Pressure.*—The barometer recovered from the depression which had prevailed during the two preceding months and was somewhat above the normal average at all stations except Simla, where it was exactly normal. The excess was greatest in the south of the Province at Sirsa and Mooltan, and least, excepting the hill stations, at Siálkot and Ludhiána.

*Temperature.*—Owing to the rainfall the month has been much cooler than the average. The deficiency of temperature has been greatest at Lahore and Siálkot, where it exceeded 4°; at Ráwalpindi, Pesháwar and Murree it exceeded 3°; and at Dera Ismail Khan, Mooltan and Simla it exceeded 2°. The deficiency was generally greater in the case of the day than in the case of the night temperatures. From the 1st to the 10th the deficiency of temperature at the different stations throughout the Province varied from 2° to as much as 10°, but after the latter date the mean compared with the average rose and by the 13th there was a slight excess. From the 13th to the 17th the variations were irregular, though at some stations large, and from the 18th to the 26th there was a general deficiency of from 2° to 10°. From the latter date to the close of the month the variations were small.

*Humidity and cloud.*—Humidity was high throughout the month, but the cloud proportion, except on the hills, was not large.

*Rain.*—The heaviest rain occurred during the first ten days of the month. During that period the following falls were recorded:—

| | | Inches. |
|---|---|---|
| On the 2nd, Delhi | ... | 2·10 |
| ,, 3rd, Delhi | ... | 2·37 |
| ,, 3rd, Ráwalpindi | ... | 2·41 |
| ,, 3rd, Simla | ... | 2·17 |
| ,, 5th, Lahore | ... | 3·65 |
| ,, 5th, Siálkot | ... | 3·10 |
| ,, 6th, Siálkot | ... | 5·30 |
| ,, 6th, Ráwalpindi | ... | 3·20 |
| ,, 7th, Siálkot | ... | 2·06 |
| ,, 8th, Delhi | ... | 2·32 |
| ,, 8th, Murree | ... | 2·20 |
| ,, 10th, Siálkot | ... | 10·00 |

In the hills the heaviest burst of rain occurred about the middle of the month. The table at the close of the Summary shows that, except at Dera Ismail Khan, Ludhiána and Sirsa, the total fall of the month was largely in excess of the average. At Dera Ismail Khan only 0·21 inches fell instead of 1·5 inches, at Ludhiána 6 inches instead of 7 inches, and at Sirsa 1 inch instead of 4¼ inches. The greatest excess was at Siálkot, where the total fall was 31 inches instead of the normal 9 inches. At Murree, Káwalpindi and Simla the excess was also very large.

The following table gives the rainfall data for the Punjab stations for August 1890:—

TABLE B.

| Stations. | Normal average rainfall in August. | Actual rainfall in August 1890. | Difference from the average in August 1890. |
|---|---|---|---|
| | Inches. | Inches. | Inches. |
| *Punjab, West.* | | | |
| Mooltan... ... ... ... ... | 1·33 | 2·18 | + 0·85 |
| Dera Ismail Khan ... ... ... ... ... | 1·54 | 0·21 | — 1·33 |
| Peshávar ... ... ... ... ... | 1·82 | 1·94 | + 0·12 |
| Murree ... ... ... ... ... ... | 14·07 | 21·91 | + 7·84 |
| Ráwalpindi ... ... ... ... ... | 8·63 | 15·04 | + 6·41 |
| Siálkot ... ... ... ... ... ... | 8·81 | 30·60 | + 21·79 |
| Lahore ... ... ... ... ... ... | 5·41 | 7·38 | + 1·97 |
| Montgomery ... ... ... ... ... | 2·22 | 3·14 | + 0·92 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 7·18 | 6·01 | — 1·17 |
| Simla ... ... ... ... ... ... | 17·54 | 22·14 | + 4·60 |
| Delhi ... ... ... ... ... ... | 8·72 | 8·98 | + 0·26 |
| Sirsa ... ... ... ... ... ... | 4·25 | 1·02 | — 3·23 |

SIMLA:
*The* 24*th September* 1890.

W. L. DALLAS,
*Meteorological Reporter to Government, Punjab.*

# RAIN RETURNS, PUNJAB.

### Explanations.

Column 2.—*C* indicates Canal Stations.
The gauges in use are indicated thus—
*b*.—Watson's Improved.
*s*.—Symon's Improved.
Stations not thus marked use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 21st SEPTEMBER 1890.

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | | *Month of September* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | | Date of fall last reported. | Monday 15th. | Tuesday 16th. | Wednesday 17th. | Thursday 18th. | Friday 19th. | Saturday 20th. | Sunday 21st. | TOTAL. | SPECIAL REMARKS. |
| HISSAR. | Sirsa | *s* | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | Locust flew over the Hissar and Sirsa Tahsils without damage. They injured the crops of Naráni Khera and Narána villages in Sirsa Tahsil. |
| | Fatahabad | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála | ... | 14th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar | *s* | 5th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | ... | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda | ... | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | ... | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| ROHTAK. | Rohtak | *s* | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána | ... | 14th Do. | ... | ... | ... | ... | ... | ... | 0·03 | 0·03 | |
| | Sámpla | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar | ... | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| GURGAON. | Farukhnagar | ... | 13th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Taurn | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | ... | 17th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | ... | 13th Do. | ... | ... | ... | 0·30 | ... | ... | ... | 0·30 | |
| | Hattín | ... | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | ... | 13th Do. | ... | ... | ... | 1·05 | ... | ... | ... | 1·05 | |
| | Sohna | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon | *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | ... | 15th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| DELHI. | Ballabgarh | ... | 14th August | ... | ... | 0·08 | ... | ... | ... | ... | 0·08 | |
| | Mahrauli | ... | 16th Do. | ... | ... | 0·70 | ... | ... | ... | ... | 0·70 | |
| | Sadr (Delhi) | *s* | 15th Do. | ... | ... | 1·90 | ... | ... | ... | ... | 1·90 | |
| | Sonepat | ... | 21st Do. | ... | ... | 2·53 | ... | ... | ... | ... | 2·53 | |
| KARNAL. | Pánipat | ... | 20th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál | *s* | 21st Do. | ... | ... | 0·20 | 0·72 | ... | ... | ... | 0·92 | |
| | Rajaund | ... | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | ... | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| UMBALLA. | Pipli | ... | 21st August | ... | ... | ... | 0·91 | ... | ... | ... | 0·91 | |
| | Jagádhri | ... | 17th Do. | ... | ... | 1·00 | 2·50 | ... | ... | ... | 3·50 | |
| | Umballa | *s* | 16th Do. | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Naráingarh | ... | 20th Do. | ... | ... | 0·54 | 2·34 | 0·87 | ... | ... | 3·75 | |
| | Kharar | ... | 19th Do. | ... | ... | ... | 0·37 | ... | ... | ... | 0·37 | |
| | Rúpar | ... | 17th Do. | ... | ... | ... | 0·68 | ... | ... | ... | 0·68 | |
| | Kotra *C* | ... | 12th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhodhpur *C* | ... | 16th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | ... | 12th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* | ... | 11th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| SIMLA. | Kasauli | *s* | 30th August | ... | 0·06 | 4·00 | 1·10 | ... | ... | ... | 5·16 | |
| | Barauli | ... | 29th Do. | ... | 1·00 | 3·40 | ... | ... | ... | ... | 4·40 | |
| | Simla | *s* | 31st Do. | ... | 0·25 | 1·75 | 2·65 | 1·07 | ... | ... | 5·72 | |
| | Kot Khái | ... | 29th Do. | ... | ... | 1·70 | 3·00 | ... | ... | ... | 4·70 | |
| | Kotgarh | ... | Ditto | ... | ... | 1·70 | 3·00 | ... | ... | ... | 4·70 | |
| | Kilba | *s* | 11th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| KANGRA. | Plách | ... | 30th August | 0·02 | 0·60 | 2·10 | 0·70 | ... | ... | ... | 3·42 | |
| | Kulu | *s* | 12th Septr. | ... | ... | 0·52 | 1·55 | 0·10 | ... | ... | 2·17 | |
| | Nagar | ... | Ditto | ... | ... | ... | 1·50 | 0·95 | ... | ... | 2·45 | |
| | Pálampur | ... | Ditto | ... | ... | ... | 0·32 | 0·03 | ... | ... | 0·35 | |
| | Hamírpur | ... | 14th Septr. | ... | ... | ... | 0·25 | ... | ... | ... | 0·25 | |
| | Dera | ... | 12th Do. | ... | ... | ... | 0·07 | 0·02 | ... | ... | 0·09 | |
| | Kángra | ... | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála | *s* | 12th Septr. | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Núrpur | ... | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| HOSHIARPUR. | Dasúya | ... | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una | ... | 19th Do. | ... | ... | 0·28 | ... | ... | ... | ... | 0·28 | |
| | Garhshankar | ... | 13th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | ... | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | ... | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of September 1890. Monday 15th. | Tuesday 16th. | Wednesday 17th. | Thursday 18th. | Friday 19th. | Saturday 20th. | Sunday 21st. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | 15th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála | 11th Septr. | ... | ... | 0·75 | ... | ... | ... | ... | 0·75 | |
| | Ludhiána s | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore City | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 7th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | 8th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 11th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C | 8th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 12th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van C b | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chunián | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe C | 16th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg C | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore s | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu C b | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar C b | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | Rain badly wanted for rabi sowings. |
| | Khara C | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran | 11th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya C | 16th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital s | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar C | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Buggeh C | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurdaspur. | Aliwál C | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaler C | 14th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur s | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhímpur C | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie* s | 11th Septr. | ... | ... | 0·33 | 1·09 | ... | ... | ... | 1·42 | |
| | Mádhopur C b | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh | 13th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Sialkot. | Zafarwál | 1st September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pasrúr | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska | 2nd September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot s | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of September* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 15th. | Tuesday 16th. | Wednesday 17th. | Thursday 18th. | Friday 19th. | Saturday 20th. | Sunday 21st. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr *s* | 1st September ... | ... | ... | ... | ... | ... | ... | ... | ... | Kharif crops good. Green fodder sufficient. Ground is being prepared for the rabi. Rain is now wanted. |
| | Gujrát ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khárián ... | 11th Septr. ... | ... | ... | ... | 0·03 | ... | ... | ... | 0·03 | |
| | Phália ... | 1st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | Rain is much wanted for standing crops. The crops in the Háfizabad Tahsil are suffering through the closing of the Chenab Canal. |
| | Wazirabad ... | Ditto ... | ... | ... | ... | 0·05 | ... | ... | ... | 0·05 | |
| | Sadr Kacheri *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh *s* | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station *s* | Ditto ... | ... | ... | ... | 0·25 | ... | ... | ... | 0·25 | |
| | Chakwál ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | 11th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi *s* | 10th Septr. ... | ... | ... | 0·09 | ... | ... | ... | ... | 0·09 | |
| | Gujar Khan ... | Ditto ... | ... | ... | 0·40 | ... | ... | ... | ... | 0·40 | |
| | Kahúta ... | Ditto ... | ... | 0·58 | 1·05 | ... | ... | ... | ... | 1·63 | |
| | Murree *s* | Ditto ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| HAZARA. | Abbott-abad *s* | 31st August ... | ... | ... | 0·55 | ... | ... | ... | ... | 0·55 | |
| | Mansahra ... | Ditto ... | ... | ... | 0·92 | ... | ... | ... | ... | 0·92 | |
| | Haripur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| PESHAWAR. | Sawábi ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang ... | 6th September ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | 2nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar *s* | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát *s* | 30th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 28th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 1st September ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk ... | 1st September ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Gházi Khan *s* | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 11th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,
*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 6th July* 1890.

Against Kot Khai and Kotgarh (Simla District) read in column 11, "0·13" instead of "1·13."

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of August 1890.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 189 | |
| Receipts. | Tollage. | Private boats... | Rs. | 239 | |
| | | Government boats | " | 12 | |
| | | Rafts | " | 291 | |
| | Hire of Government boats | | " | 27 | |
| | | Total | " | 569 | |
| Cost of Navigation Establishment... | | | " | *1,281 | * Includes maintenance charges. |
| Net loss during month | | | " | — 712 | |
| Boats plying. | Number | Cargo... | No. | 36 | |
| | | Passengers | " | 10 | |
| | Tonnage | Cargo... | Tons | 527 | |
| | | Passengers | " | 30 | |
| Ton mileage | | Up | " | 10,496 | |
| | | Down... | " | 10,159 | |
| | | Total ... | " | 20,655 | |
| Estimated value of cargo | | Up | Rs. | 15,551 | |
| | | Down... | " | 23,680 | |
| | | Total ... | " | 39,231 | |
| Number of passengers | | | No. | 377 | |
| Rafts | | Contents—Down ... | C. ft. | 4,147 | |
| | | Estimated value ... | Rs. | 4,076 | |
| Tollage on boats per ton per mile | | | Pies | 2½ | |
| Do. rafts per 100 cubic feet | | | Rs. | 7 | |
| Description and quantities of goods carried. | Grain | Up | Tons | 247 | |
| | | Down... | " | 239 | |
| | | Total ... | " | 486 | |
| | Salt | Up | " | 10 | |
| | Metals | Up | " | 20 | |
| | | Down... | " | 24 | |
| | | Total | " | 44 | |
| | Building materials | Up | " | 13 | |
| | Fuel | Up | " | 30 | |
| | Timber | Down... | " | 20 | |
| | Total Traffic | Up | " | 320 | |
| | | Down... | " | 283 | |
| | | Total ... | " | 603 | |
| | Rafts. | Logs, round and squared—Down | " | 53 | |
| | | Sleepers, broad gauge—Down | " | 1 | |
| | | Sleepers, metre gauge—Down | " | 1 | |
| | | Total Rafts | " | 55 | |

LAHORE:
*The 30th September* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of August* 1890.

| DETAIL. | Unit. | | REMARKS. |
|---|---|---|---|
| Length of channel open ... ... ... | Miles | 243 | |
| Receipts. Tollage. Private boats ... ... ... | Rs. | 225 | |
| Receipts. Tollage. Government boats ... ... | " | 10 | |
| Receipts. Tollage. Rafts ... ... ... | " | 458 | |
| Receipts. Fines and Sundries ... ... | " | — 10 | |
| Total ... | " | 683 | |
| Cost of Navigation Establishment ... ... | " | * 1,260 | * Includes maintenance charges. |
| Net loss during month ... ... ... | " | 577 | |
| Boats plying. Number ... ... Cargo... ... | No. | 33 | |
| Boats plying. Number ... ... Passengers ... | " | ... | |
| Boats plying. Tonnage ... ... Cargo... ... | Tons | 605 | |
| Boats plying. Tonnage ... ... Passengers ... | " | ... | |
| Ton mileage ... ... Up ... ... | " | 10,430 | |
| Ton mileage ... ... Down... ... | " | 15,400 | |
| Ton mileage Total ... | " | 25,830 | |
| Estimated value of Cargo ... Up ... | Rs. | 849 | |
| Estimated value of Cargo ... Down ... | " | 11,875 | |
| Estimated value of Cargo Total ... | " | 12,724 | |
| Number of passengers ... ... ... | No. | ... | |
| Rafts ... ... ... Contents, Down ... | C. ft. | 21,950 | |
| Rafts ... ... ... Estimated value ... | Rs. | 10,975 | |
| Tollage on rafts per 100 cubic feet ... ... | " | 2-1-5 | |
| Description and quantities of goods carried. Grain ... ... Down ... ... | Tons | 158 | |
| Description and quantities of goods carried. Building materials ... Up ... ... | " | 77 | |
| Description and quantities of goods carried. Timber ... ... Up ... ... | " | 8 | |
| Description and quantities of goods carried. Miscellaneous ... Up ... ... | " | 11 | |
| Description and quantities of goods carried. Total Traffic ... Up ... ... | " | 96 | |
| Description and quantities of goods carried. Total Traffic ... Down ... ... | " | 158 | |
| Description and quantities of goods carried. Total Traffic Total ... | " | 254 | |
| Description and quantities of goods carried. Rafts. Logs, round and squared—Down ... | " | 1 | |
| Description and quantities of goods carried. Rafts. Sleepers, broad gauge—Down ... ... | " | 381 | |
| Description and quantities of goods carried. Rafts. Ballas and karries—Down ... ... | " | 57 | |
| Description and quantities of goods carried. Rafts. Total Rafts ... | " | 439 | |

LAHORE: *The 30th September* 1890.

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 30th AUGUST 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar | Hissar ... | 14,167 | 3 | 5 | 8 | 4 | 3 | 1 | ... | ... | 2 | ... | ... | 2 | ... | ... | ... | 29 | 15 |
| 2 | | Hansi ... | 12,656 | 9 | 8 | 17 | 8 | 4 | 4 | ... | ... | 4 | 2 | ... | 2 | 1 | 1 | 2 | 70 | 33 |
| 3 | | Bhiwani ... | 33,762 | 18 | 14 | 32 | 47 | 26 | 21 | ... | ... | 17 | 9 | ... | 21 | 8 | 4 | 12 | 49 | 73 |
| 4 | | Sirsa ... | 12,292 | 8 | 7 | 15 | 14 | 9 | 5 | ... | ... | 12 | ... | ... | 2 | 5 | 1 | 6 | 64 | 59 |
| 5 | Rohtak | Rohtak ... | 15,699 | 6 | 6 | 12 | 14 | 10 | 4 | ... | ... | 5 | 2 | ... | 7 | 3 | 1 | 4 | 40 | 46 |
| 6 | | Jhajjar ... | 11,650 | 7 | 5 | 12 | 7 | 5 | 2 | ... | ... | 3 | 1 | ... | 3 | 2 | 1 | 3 | 54 | 31 |
| 7 | Gurgaon | Rewari ... | 24,445 | 8 | 8 | 16 | 19 | 11 | 8 | ... | ... | 5 | 12 | ... | 2 | 5 | 2 | 7 | 34 | 41 |
| 8 | | Palwal ... | 10,635 | 10 | 7 | 17 | 10 | 9 | 1 | ... | ... | 8 | ... | ... | 2 | 5 | 1 | 6 | 83 | 49 |
| 9 | Delhi | Delhi ... | 117,368 | 63 | 72 | 135 | 113 | 61 | 52 | 1 | 1 | 59 | 7 | 1 | 44 | 14 | 20 | 34 | 60 | 50 |
| 10 | | " Suburbs ... | 52,882 | 14 | 9 | 23 | 25 | 12 | 13 | ... | ... | 13 | ... | 1 | 11 | 4 | 7 | 11 | 23 | 25 |
| 11 | | Sonepat ... | 13,077 | 10 | 14 | 24 | 81 | 38 | 43 | 57 | ... | 17 | 4 | ... | 3 | ... | 3 | 3 | 96 | 323 |
| 12 | Karnal | Karnal ... | 23,133 | 10 | 7 | 17 | 31 | 15 | 16 | ... | 2 | 12 | 5 | ... | 12 | 3 | 2 | 5 | 38 | 70 |
| 13 | | Kaithal ... | 14,754 | 10 | 2 | 12 | 27 | 11 | 16 | 11 | ... | 2 | 2 | ... | 12 | 3 | 5 | 8 | 42 | 95 |
| 14 | | Panipat ... | 26,572 | 7 | 8 | 15 | 17 | 7 | 10 | ... | ... | 9 | ... | ... | 8 | 3 | 3 | 6 | 29 | 33 |
| 15 | Umballa | Umballa ... | 26,777 | 10 | 12 | 22 | 57 | 25 | 32 | 4 | ... | 32 | 9 | ... | 12 | 3 | 4 | 7 | 43 | 111 |
| 16 | | Jagadhri ... | 12,300 | 3 | 6 | 9 | 34 | 15 | 19 | 17 | ... | 4 | 1 | ... | 12 | 4 | 3 | 7 | 38 | 144 |
| 17 | | Shahabad ... | 10,218 | ... | 4 | 4 | 10 | 6 | 4 | ... | ... | 6 | 2 | ... | 2 | 1 | 1 | 2 | 20 | 51 |
| 18 | | Sadhaura ... | 10,794 | 6 | 2 | 8 | 50 | 24 | 26 | 28 | ... | 7 | 8 | ... | 7 | ... | 3 | 3 | 39 | 242 |
| 19 | | Rupar ... | 10,326 | 7 | 3 | 10 | 12 | 6 | 6 | ... | ... | 6 | 3 | ... | 3 | 1 | ... | 1 | 50 | 61 |
| 20 | Hoshiarpur | Hoshiarpur ... | 13,263 | 6 | 9 | 15 | 12 | 6 | 6 | ... | ... | 5 | 3 | ... | 4 | 2 | 4 | 6 | 59 | 47 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 6 | 10 | 5 | 2 | 3 | ... | ... | 4 | 1 | ... | ... | ... | ... | ... | 51 | 25 |
| 22 | Jullundur | Jullundur ... | 31,177 | 21 | 12 | 33 | 35 | 16 | 19 | ... | ... | 14 | 6 | ... | 15 | 13 | 6 | 19 | 55 | 59 |
| 23 | | " Suburbs ... | 11,474 | 6 | 17 | 23 | 12 | 6 | 6 | ... | ... | 3 | ... | ... | 9 | 3 | 4 | 7 | 105 | 55 |
| 24 | | Rahon ... | 11,736 | 3 | 5 | 8 | 7 | 1 | 6 | ... | ... | 7 | ... | ... | ... | ... | 1 | 1 | 36 | 31 |
| 25 | Ludhiana | Ludhiana ... | 44,163 | 23 | 14 | 37 | 31 | 18 | 13 | ... | ... | 26 | 1 | ... | 4 | 4 | 4 | 8 | 44 | 37 |
| 26 | | Jagraon ... | 16,873 | 11 | 8 | 19 | 20 | 10 | 10 | ... | ... | 10 | 3 | ... | 7 | 2 | 3 | 5 | 59 | 62 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 8 | 3 | 11 | 19 | 9 | 10 | ... | ... | 11 | 3 | ... | 5 | 2 | 4 | 6 | 27 | 47 |
| 28 | Mooltan | Mooltan ... | 31,878 | 18 | 29 | 47 | 21 | 10 | 11 | ... | ... | 6 | 4 | ... | 11 | 7 | 8 | 15 | 77 | 34 |
| 29 | | " Suburbs ... | 25,593 | 19 | 14 | 33 | 13 | 6 | 7 | ... | ... | 4 | 2 | ... | 7 | 4 | 4 | 8 | 67 | 27 |
| 30 | Jhang | Maghiana ... | 12,574 | 8 | 5 | 13 | 14 | 6 | 8 | ... | ... | 2 | 4 | ... | 8 | 4 | 4 | 8 | 54 | 58 |
| 31 | | Chiniot ... | 11,191 | 6 | 4 | 10 | 8 | 5 | 3 | ... | ... | 2 | 1 | ... | 5 | 1 | 3 | 4 | 47 | 37 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

<table>
<tr><th rowspan="2">No.</th><th rowspan="2">Districts.</th><th rowspan="2">Towns.</th><th rowspan="2">Population.</th><th colspan="3">Births.</th><th colspan="3">Deaths.</th><th colspan="6">Cause of Death.</th><th colspan="3">Infants under one year of age.</th><th rowspan="2">Ratio of births per 1,000 of population.</th><th rowspan="2">Ratio of deaths per 1,000 of population.</th></tr>
<tr><th>Males.</th><th>Females.</th><th>Total.</th><th>Total.</th><th>Males.</th><th>Females.</th><th>Cholera.</th><th>Small-pox.</th><th>Fever.</th><th>Dysentery & Diarrhœa.</th><th>Injuries.</th><th>All other causes.</th><th>Males.</th><th>Females.</th><th>Total.</th></tr>
<tr><td>32</td><td>Lahore ...</td><td>Lahore ...</td><td>97,208</td><td>34</td><td>45</td><td>79</td><td>94</td><td>44</td><td>50</td><td>2</td><td>...</td><td>62</td><td>5</td><td>1</td><td>24</td><td>8</td><td>15</td><td>23</td><td>42</td><td>50</td></tr>
<tr><td>33</td><td></td><td>" Suburbs ...</td><td>41,670</td><td>7</td><td>5</td><td>12</td><td>26</td><td>21</td><td>5</td><td>...</td><td>...</td><td>15</td><td>1</td><td>...</td><td>10</td><td>3</td><td>...</td><td>3</td><td>15</td><td>33</td></tr>
<tr><td>34</td><td></td><td>Kasur ...</td><td>17,336</td><td>11</td><td>12</td><td>23</td><td>27</td><td>9</td><td>18</td><td>...</td><td>...</td><td>22</td><td>2</td><td>...</td><td>3</td><td>1</td><td>2</td><td>3</td><td>69</td><td>81</td></tr>
<tr><td>35</td><td>Amritsar ...</td><td>Amritsar ...</td><td>144,216</td><td>72</td><td>85</td><td>157</td><td>221</td><td>106</td><td>115</td><td>11</td><td>...</td><td>137</td><td>4</td><td>3</td><td>66</td><td>30</td><td>26</td><td>56</td><td>57</td><td>80</td></tr>
<tr><td>36</td><td>Gurdaspur ...</td><td>Batala ...</td><td>24,281</td><td>15</td><td>14</td><td>29</td><td>24</td><td>4</td><td>20</td><td>...</td><td>...</td><td>18</td><td>1</td><td>...</td><td>5</td><td>...</td><td>3</td><td>3</td><td>62</td><td>52</td></tr>
<tr><td>37</td><td>Sialkot ...</td><td>Sialkot ...</td><td>33,850</td><td>14</td><td>13</td><td>27</td><td>30</td><td>18</td><td>12</td><td>...</td><td>1</td><td>16</td><td>3</td><td>...</td><td>10</td><td>7</td><td>3</td><td>10</td><td>42</td><td>46</td></tr>
<tr><td>38</td><td>Gujrat ...</td><td>Gujrat ...</td><td>18,743</td><td>2</td><td>5</td><td>7</td><td>34</td><td>16</td><td>18</td><td>...</td><td>...</td><td>29</td><td>1</td><td>...</td><td>4</td><td>2</td><td>3</td><td>5</td><td>19</td><td>95</td></tr>
<tr><td>39</td><td></td><td>Jalalpur ...</td><td>12,839</td><td>10</td><td>7</td><td>17</td><td>16</td><td>7</td><td>9</td><td>...</td><td>...</td><td>14</td><td>...</td><td>...</td><td>2</td><td>2</td><td>...</td><td>2</td><td>69</td><td>65</td></tr>
<tr><td>40</td><td>Gujranwala ...</td><td>Gujranwala ...</td><td>22,884</td><td>8</td><td>16</td><td>24</td><td>21</td><td>10</td><td>11</td><td>...</td><td>...</td><td>10</td><td>1</td><td>...</td><td>10</td><td>3</td><td>3</td><td>6</td><td>55</td><td>48</td></tr>
<tr><td>41</td><td></td><td>Wazirabad ...</td><td>16,462</td><td>5</td><td>9</td><td>14</td><td>18</td><td>10</td><td>8</td><td>...</td><td>...</td><td>10</td><td>3</td><td>...</td><td>5</td><td>4</td><td>3</td><td>7</td><td>44</td><td>57</td></tr>
<tr><td>42</td><td>Shahpur ...</td><td>Bhera ...</td><td>15,165</td><td>11</td><td>9</td><td>20</td><td>13</td><td>10</td><td>3</td><td>...</td><td>...</td><td>6</td><td>2</td><td>...</td><td>5</td><td>5</td><td>...</td><td>5</td><td>69</td><td>45</td></tr>
<tr><td>43</td><td>Jhelum ...</td><td>Jhelum ...</td><td>16,634</td><td>3</td><td>5</td><td>8</td><td>10</td><td>7</td><td>3</td><td>...</td><td>...</td><td>8</td><td>1</td><td>...</td><td>1</td><td>2</td><td>...</td><td>2</td><td>25</td><td>31</td></tr>
<tr><td>44</td><td></td><td>Pind Dadan Khan ...</td><td>16,724</td><td>4</td><td>4</td><td>8</td><td>4</td><td>1</td><td>3</td><td>...</td><td>...</td><td>...</td><td>2</td><td>1</td><td>1</td><td>...</td><td>...</td><td>...</td><td>25</td><td>13</td></tr>
<tr><td>45</td><td>Rawalpindi ...</td><td>Rawalpindi ...</td><td>27,732</td><td>9</td><td>10</td><td>19</td><td>34</td><td>22</td><td>12</td><td>...</td><td>1</td><td>25</td><td>2</td><td>...</td><td>6</td><td>8</td><td>8</td><td>16</td><td>36</td><td>64</td></tr>
<tr><td>46</td><td>Peshawar ...</td><td>Peshawar ...</td><td>59,292</td><td>23</td><td>15</td><td>38</td><td>30</td><td>13</td><td>17</td><td>...</td><td>...</td><td>16</td><td>1</td><td>...</td><td>13</td><td>5</td><td>2</td><td>7</td><td>33</td><td>26</td></tr>
<tr><td>47</td><td>Kohat ...</td><td>Kohat ...</td><td>13,490</td><td>2</td><td>3</td><td>5</td><td>3</td><td>1</td><td>2</td><td>...</td><td>...</td><td>2</td><td>...</td><td>...</td><td>1</td><td>...</td><td>1</td><td>1</td><td>19</td><td>12</td></tr>
<tr><td>48</td><td>D. I. Khan ...</td><td>D. I. Khan ...</td><td>18,988</td><td>8</td><td>5</td><td>13</td><td>5</td><td>1</td><td>4</td><td>...</td><td>...</td><td>2</td><td>2</td><td>...</td><td>1</td><td>...</td><td>1</td><td>1</td><td>36</td><td>14</td></tr>
<tr><td>49</td><td>D. G. Khan ...</td><td>D. G. Khan ...</td><td>19,687</td><td>...</td><td>1</td><td>1</td><td>6</td><td>2</td><td>4</td><td>...</td><td>...</td><td>3</td><td>...</td><td>...</td><td>3</td><td>...</td><td>2</td><td>2</td><td>3</td><td>16</td></tr>
<tr><td colspan="3">Birth and death rate of London for the week ending 9th August 1890 is also given as a standard for comparison ...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>25·7</td><td>18·8</td></tr>
<tr><td colspan="3">Grand Total ...</td><td>1,311,790</td><td>580</td><td>588</td><td>1,168</td><td>1,393</td><td>694</td><td>699</td><td>131</td><td>5</td><td>712</td><td>126</td><td>7</td><td>412</td><td>187</td><td>179</td><td>366</td><td>46</td><td>55</td></tr>
<tr><td colspan="21">Hill Sanitaria.</td></tr>
<tr><td colspan="3">Simla ... ... ...</td><td>12,305</td><td>2</td><td>...</td><td>2</td><td>9</td><td>5</td><td>4</td><td>...</td><td>2</td><td>5</td><td>..</td><td>1</td><td>1</td><td>1</td><td>...</td><td>1</td><td>8</td><td>38</td></tr>
<tr><td colspan="3">Dharmsala ... ... ...</td><td>3,839</td><td>...</td><td>1</td><td>1</td><td>3</td><td>1</td><td>2</td><td>...</td><td>...</td><td>1</td><td>1</td><td>...</td><td>1</td><td>...</td><td>...</td><td>...</td><td>14</td><td>41</td></tr>
<tr><td colspan="3">Dalhousie ... ... ...</td><td>870</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td></tr>
<tr><td colspan="3">Murree ... ... ...</td><td>2,489</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td></tr>
</table>

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 23rd September* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 30th August* 1890.

*General results.*—The total deaths registered from all causes in the Province were 14,288 against 13,099 in the previous week and 9,661 in the corresponding week of the past year, giving respectively an annual death-rate of 39·5, 36·2 and 26·7 per 1,000 of population. The registered death-rate is 3·3 per 1,000 greater than that of the previous week and is 12·5 per 1,000 greater than the average rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 337 deaths registered under the head of cholera against 254 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Gurgaon ... ... | Rural Circle ... ... ... | 1 |
| Delhi ... ... | Delhi City ... ... ... | 1 |
| Do. ... ... | Sonepat Town ... ... ... | 57 |
| Do. ... ... | Faridabad Town ... ... | 2 |
| Do. ... ... | Rural Circle ... ... ... | 3 |
| Karnal ... ... | Kaithal Town ... ... ... | 11 |
| Do. ... ... | Rural Circles ... ... ... | 48 |
| Umballa ... ... | Umballa Town ... ... ... | 4 |
| Do. ... ... | Jagadhari Town... ... ... | 17 |
| Do. ... ... | Sadhaura Town ... ... ... | 28 |
| Do. ... ... | Rural Circles ... ... ... | 77 |
| Kangra ... ... | Kangra Town ... ... ... | 6 |
| Do. ... ... | Rural Circles ... ... ... | 29 |
| Hoshiarpur ... ... | Hoshiarpur Suburbs Town ... ... | 2 |
| Lahore ... ... | Lahore City ... ... ... | 2 |
| Do. ... ... | Rural Circles ... ... ... | 6 |
| Amritsar ... ... | Amritsar Town ... ... ... | 11 |
| Do. ... ... | Rural Circle ... ... ... | 1 |
| Gurdaspur ... ... | Pathankot Town... ... ... | 4 |
| Do. ... ... | Sujanpur Town ... ... ... | 27 |
| | Total ... | 337 |

*Small-pox.*—From small-pox 84 deaths were registered against 102 in the previous week and 41 in the corresponding week of the past year.

*Fevers.*—From fevers there were 10,152 deaths against 9,068 in the previous week and 6,192 in the corresponding week of the past year. There were 1,084 more deaths registered under the head of fevers than in the previous week. The greatest increase was seen in the Hoshiarpur, Ferozepore, Lahore, Sialkot, Gujrat, Gujranwala and Jhelum Districts.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 488 deaths against 479 in the previous week and 426 in the corresponding week of the past year registered under head of bowel complaints.

*Chest disease.*—Five hundred and twenty-six against 505 and 484.

*Snake-bite.*—Forty-five against 63 and 55.

*Hydrophobia.*—Two against 3 and 3.

*All other Causes.*—Two thousand six hundred and fifty-four against 2,625 in the previous week and 2,214 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand eight hundred and twenty-four deaths were registered in the Province amongst infants under one year of age, of which number 1,976 were males and 1,848 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,393 deaths were registered (694 males and 699 females), giving a death-rate of 55 per mille of population ; 1,168 births were registered (580 males and 588 females), giving a birth-rate of 46 per mille of population. The registered death-rates of the towns of Umballa and Jagadhri were very high, being at the annual rate of 111 and 144 per 1,000, respectively. The mortality of the towns of Sonepat and Sadhaura was at the enormous annual rate of 323 and 242 per 1,000, respectively.

LAHORE :
*The* 23*rd September* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 6th SEPTEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Causes of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 7 | 8 | 15 | 11 | 4 | 7 | ... | ... | 9 | ... | ... | 2 | 1 | 1 | 2 | 55 | 40 |
| 2 | | Hansi ... | 12,656 | 11 | 14 | 25 | 10 | 6 | 4 | ... | ... | 3 | 3 | ... | 4 | ... | 1 | 1 | 103 | 41 |
| 3 | | Bhiwani ... | 33,762 | 20 | 11 | 31 | 39 | 20 | 19 | ... | ... | 9 | 4 | ... | 26 | 5 | 6 | 11 | 48 | 60 |
| 4 | | Sirsa ... | 12,292 | 7 | 9 | 16 | 14 | 7 | 7 | ... | ... | 13 | ... | ... | 1 | 5 | 3 | 8 | 68 | 59 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 3 | 7 | 10 | 20 | 12 | 8 | ... | ... | 14 | 2 | ... | 4 | 4 | 3 | 7 | 33 | 66 |
| 6 | | Jhajjar ... | 11,650 | 13 | 7 | 20 | 12 | 2 | 10 | ... | ... | 5 | ... | ... | 7 | ... | 5 | 5 | 90 | 54 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 16 | 5 | 21 | 26 | 11 | 15 | ... | ... | 16 | 5 | ... | 5 | 4 | 3 | 7 | 45 | 55 |
| 8 | | Palwal ... | 10,635 | 9 | 12 | 21 | 15 | 6 | 9 | ... | ... | 10 | 4 | ... | 1 | 3 | 5 | 8 | 103 | 74 |
| 9 | Delhi ... | Delhi ... | 117,363 | 75 | 68 | 143 | 115 | 46 | 69 | ... | ... | 66 | 4 | 3 | 42 | 19 | 24 | 43 | 64 | 51 |
| 10 | | " Suburbs ... | 52,882 | 19 | 21 | 40 | 21 | 15 | 6 | ... | ... | 7 | 2 | 8 | 4 | 3 | 1 | 4 | 39 | 21 |
| 11 | | Sonepat ... | 13,077 | 17 | 13 | 30 | 133 | 59 | 74 | 102 | ... | 22 | 2 | ... | 7 | ... | 3 | 3 | 120 | 530 |
| 12 | Karnal ... | Karnal ... | 23,133 | 9 | 8 | 17 | 41 | 22 | 19 | ... | ... | 27 | ... | ... | 14 | 6 | 7 | 13 | 38 | 92 |
| 13 | | Kaithal ... | 14,754 | 9 | 3 | 12 | 35 | 15 | 20 | 14 | ... | 10 | 5 | ... | 6 | 4 | 2 | 6 | 42 | 124 |
| 14 | | Panipat ... | 26,572 | 19 | 18 | 37 | 26 | 13 | 13 | ... | ... | 12 | 2 | ... | 12 | 4 | 1 | 5 | 73 | 51 |
| 15 | Umballa ... | Umballa ... | 26,777 | 22 | 13 | 35 | 95 | 41 | 54 | 19 | 1 | 50 | 7 | ... | 18 | 4 | 7 | 11 | 68 | 135 |
| 16 | | Jagadhri ... | 12,300 | 5 | 6 | 11 | 33 | 14 | 19 | 15 | ... | 9 | 3 | ... | 6 | 2 | 2 | 4 | 47 | 140 |
| 17 | | Shahabad ... | 10,218 | 4 | 1 | 5 | 20 | 11 | 9 | 14 | ... | 6 | ... | ... | ... | ... | ... | ... | 26 | 102 |
| 18 | | Sadhaura ... | 10,794 | 4 | 4 | 8 | 17 | 10 | 7 | 3 | ... | 5 | 4 | ... | 5 | 2 | 1 | 3 | 39 | 82 |
| 19 | | Rupar ... | 10,326 | 5 | 3 | 8 | 7 | 4 | 3 | ... | ... | 4 | 2 | ... | 1 | 1 | ... | 1 | 40 | 35 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 3 | 8 | 11 | 16 | 8 | 8 | ... | ... | 6 | 7 | ... | 3 | 4 | 3 | 7 | 43 | 63 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 4 | 9 | 13 | 5 | 8 | ... | ... | 8 | 3 | ... | 2 | 3 | 3 | 6 | 46 | 66 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 14 | 25 | 39 | 29 | 12 | 17 | 1 | ... | 14 | 4 | ... | 10 | 3 | 8 | 11 | 65 | 49 |
| 23 | | " Suburbs ... | 11,474 | 14 | 6 | 20 | 17 | 9 | 8 | ... | ... | 9 | 3 | ... | 5 | 4 | 4 | 8 | 91 | 77 |
| 24 | | Rahon ... | 11,736 | 3 | 3 | 6 | 15 | 4 | 11 | ... | ... | 12 | 3 | ... | ... | ... | 3 | 3 | 27 | 67 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 22 | 20 | 42 | 34 | 18 | 16 | ... | ... | 20 | 8 | ... | 6 | 5 | 3 | 8 | 50 | 40 |
| 26 | | Jagraon ... | 16,873 | 4 | 10 | 14 | 20 | 10 | 10 | ... | ... | 12 | 1 | 1 | 6 | 3 | 3 | 6 | 43 | 62 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 5 | 14 | 19 | 24 | 13 | 11 | ... | ... | 19 | ... | ... | 5 | 4 | 4 | 8 | 47 | 60 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 24 | 24 | 48 | 25 | 13 | 12 | ... | ... | 11 | 3 | ... | 11 | 8 | 6 | 14 | 79 | 41 |
| 29 | | " Suburbs ... | 25,593 | 21 | 13 | 34 | 21 | 12 | 9 | ... | ... | 7 | 3 | ... | 11 | 4 | 5 | 9 | 69 | 43 |
| 30 | Jhang ... | Maghiane ... | 12,574 | 14 | 12 | 26 | 18 | 12 | 6 | ... | ... | 5 | 3 | ... | 10 | 7 | 2 | 9 | 108 | 75 |
| 31 | | Chiniot ... | 11,191 | 6 | 5 | 11 | 14 | 5 | 9 | ... | ... | 8 | 1 | ... | 5 | 1 | 4 | 5 | 51 | 65 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 51 | 43 | 94 | 121 | 46 | 75 | 2 | ... | 84 | 6 | 2 | 27 | 14 | 18 | 32 | 50 | 65 |
| 33 | | " Suburbs ... | 41,670 | 8 | 7 | 15 | 34 | 20 | 14 | ... | ... | 20 | 2 | ... | 12 | 4 | 1 | 5 | 19 | 43 |
| 34 | | Kasur ... | 17,336 | 9 | 11 | 20 | 52 | 23 | 29 | ... | ... | 39 | 3 | ... | 10 | 5 | 7 | 12 | 60 | 156 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 76 | 81 | 157 | 290 | 117 | 173 | 12 | ... | 191 | 13 | 3 | 71 | 30 | 45 | 75 | 57 | 196 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 19 | 33 | 36 | 19 | 17 | ... | 1 | 22 | 4 | ... | 9 | 2 | 5 | 7 | 71 | 77 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 20 | 17 | 37 | 33 | 19 | 14 | ... | ... | 16 | 4 | 1 | 12 | 8 | 3 | 11 | 57 | 51 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 14 | 7 | 21 | 73 | 28 | 45 | ... | ... | 65 | 1 | ... | 7 | 4 | 7 | 11 | 58 | 203 |
| 39 | | Jalalpur ... | 12,839 | 7 | 16 | 23 | 28 | 14 | 14 | ... | ... | 19 | 3 | ... | 6 | 3 | 3 | 6 | 93 | 114 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 15 | 18 | 33 | 29 | 9 | 20 | ... | ... | 20 | 1 | ... | 8 | 5 | 4 | 9 | 75 | 66 |
| 41 | | Wazirabad ... | 16,462 | 10 | 22 | 32 | 36 | 11 | 25 | ... | ... | 23 | 3 | ... | 10 | 5 | 10 | 15 | 101 | 114 |
| 42 | Shahpur ... | Bhera ... | ... | Returns not received. | | | | | | | | | | | | | | | | |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 6 | 8 | 14 | 21 | 12 | 9 | ... | ... | 15 | 2 | ... | 4 | 4 | 3 | 7 | 44 | 66 |
| 44 | | Pind Dadan Khan ... | 16,724 | 5 | 10 | 15 | 7 | 2 | 5 | ... | ... | 5 | 2 | ... | ... | ... | ... | ... | 47 | 22 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 9 | 18 | 27 | 39 | 25 | 14 | ... | ... | 20 | 7 | 1 | 11 | 5 | 7 | 12 | 51 | 73 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 23 | 13 | 36 | 42 | 23 | 19 | ... | ... | 26 | 4 | ... | 12 | 11 | 6 | 17 | 32 | 37 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 6 | 10 | 9 | 6 | 3 | ... | ... | 6 | 1 | ... | 2 | 3 | 1 | 4 | 39 | 35 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 5 | 6 | 11 | 6 | 3 | 3 | ... | ... | 4 | 1 | ... | 1 | 1 | ... | 1 | 30 | 16 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 9 | 6 | 15 | 6 | 3 | 3 | ... | ... | 3 | ... | ... | 3 | 1 | 2 | 3 | 40 | 16 |
| | Birth and death rate of London for the week ending 16th August 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·8 | 20·6 |
| | | Grand Total ... | 1,296,625 | 694 | 683 | 1,377 | 1,798 | 819 | 979 | 182 | 2 | 1,006 | 145 | 19 | 444 | 218 | 245 | 463 | 55 | 73 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 2 | ... | 2 | 10 | 7 | 3 | ... | 1 | 5 | ... | ... | 4 | 1 | 1 | 2 | 8 | 42 |
| | Dharmsala | ... ... ... | 3,839 | ... | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 14 |
| | Dalhousie | ... ... ... | 870 | ... | 1 | 1 | 2 | 2 | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | 1 | 60 | 120 |
| | Murree | ... ... ... | 2,489 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 26th September 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 6th September 1890.*

*General results.*—The return is incomplete, the registers for the district of Shahpur not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 18,922 against 14,075 in the previous week and 9,450 in the corresponding week of the past year, giving respectively an annual death-rate of 53·6, 39·8 and 26·7 per 1,000 of population. The registered death-rate is 13·8 per 1,000 greater than that of last week, and is as much as 25·6 per 1,000 greater than the average rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 364 deaths registered under the head of cholera against 337 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Rohtak ... ... ... | Kharkhauda Town ... ... ... | 1 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 1 |
| Delhi ... ... ... | Sonepat Town ... ... ... ... | 102 |
| Do. ... ... ... | Faridabad Town ... ... ... ... | 8 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 24 |
| Karnal ... ... ... | Kaithal Town ... ... ... ... | 14 |
| Umballa ... ... ... | Umballa Town ... ... ... ... | 19 |
| Do. ... ... ... | Jagadhri Town ... ... ... ... | 15 |
| Do. ... ... ... | Shahabad Town ... ... ... ... | 14 |
| Do. ... ... ... | Sadhaura Town ... ... ... ... | 3 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 111 |
| Simla ... ... ... | Rural Circle ... ... ... ... | 1 |
| Kangra ... ... ... | Kangra Town ... ... ... ... | 1 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 14 |
| Hoshiarpur ... ... ... | Hariana Town ... ... ... ... | 1 |
| Jullundur ... ... ... | Jullundur Town ... ... ... ... | 1 |
| Lahore ... ... ... | Lahore City ... ... ... ... | 2 |
| Do. ... ... ... | Rural Circles ... ... ... ... | 5 |
| Amritsar ... ... ... | Amritsar Town ... ... ... ... | 12 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 2 |
| Gurdaspur ... ... ... | Sujanpur Town ... ... ... ... | 12 |
| Do. ... ... ... | Rural Circle ... ... ... ... | 1 |
| | Total ... | 364 |

*Small-pox.*—From small-pox 67 deaths were registered against 84 in the previous week and 39 in the corresponding week of the past year.

*Fevers.*—From fevers there were 14,252 deaths against 10,004 in the previous week and 5,969 in the corresponding week of the past year. There were 4,248 more deaths from fevers registered than in the previous week. The increased mortality from this cause was greatest in the districts of Karnal, Umballa, Jullundur, Ludhiana, Ferozepore, Lahore, Gurdaspur, Sialkot, Gujrat and Gujranwala.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 534 deaths against 480 in the previous week and 405 in the corresponding week of the past year registered under the head of bowel complaints

*Chest disease.*—Five hundred and ninety-nine against 523 and 492.

*Snake-bite.*—Thirty-four against 44 and 63.

*Hydrophobia.*—One against 2 and 1.

*All other causes.*—Three thousand and seventy-one against 2,601 in the previous week and 2,249 in the corresponding week of the past year.

*Infantile mortality.*—Four thousand six hundred and seventy-three deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 2,402 were males and 2,271 females.

*Births and Deaths in Municipal Towns.*—In the 48 large Municipal towns 1,798 deaths were registered (819 males and 979 females), giving a death-rate of 72 per mille of population; 1,377 births were registered (694 males and 683 females), giving a birth-rate of 55 per mille of population. The registered death-rates of Gujrat, Umballa, Kasur and Jagadhri were very high, being at the respective annual rates of 203, 185, 156 and 140 per 1,000. The mortality of the town of Sonepat was at the enormous annual rate of 530 per 1,000. Cholera was the principal cause of the excessive death-rate in this town.

LAHORE :
*The 26th September 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—2-10-90—690.

No. 42. of 1890

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 16, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 14th OCTOBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·04 in Bhiwáni | Sufficient. | Stationary. | Rain much wanted. | ... |
| 2 | Delhi ... | ... | ... | Do. | ... | Cultivation progressing. |
| 3 | Umballa ... | ... | ... | Do. | Harvesting in progress. | ... |
| 4 | Jullundur ... | ... | Sufficient. | Do. | Crops average. | Sowings in progress. |
| 5 | Ferozepore ... | ... | ... | Do. | Crops suffering for want of rain. | ... |
| 6 | Amritsar ... | ... | ... | ... | Prospects of crops fair. | Prospects good to average. |
| 7 | Siálkot ... | ... | Sufficient. | Stationary. | Cutting continued. | Sowings in progress. |
| 8 | Lahore ... | ... | Do. | Do. | Standing crops on chahi and nahri lands good, but baráni crops are withering for want of rain. | Sowings of gram and ploughings for the other crops in progress. |
| 9 | Mooltan ... | ... | ... | Do. | All canals dry except Sidhnai. | ... |
| 10 | Ráwalpindi ... | 0·08 at Ráwalpindi. 0·20 in Murree. | Sufficient. | Falling. | Outturn average. | ... |
| 11 | Shahpur ... | ... | Do. | Rising. | Being harvested. | Wheat sowings commenced. |
| 12 | D. I. Khan ... | ... | Fodder supply average. | Stationary. | Reaping commenced. Locusts appeared in Bhakkar, Leiah and Dera Tahsils and caused some damage to crops. Arrangements being made for their destruction. | Sowings in progress. |
| 13 | Peshâwar ... | ... | Sufficient. | Do. | Condition of crops average. | Ploughings commenced. |

*GENERAL REMARKS.*

Slight rain has fallen in parts of Hissar and Ráwalpindi. Prices rising in Shahpur, falling in Ráwalpindi, stationary elsewhere. Harvesting of kharif crops continues. Ploughings and sowings for rabi in progress. Rain much wanted in Hissar, Ferozepore and Lahore. Prospect of crops is fair. Locusts appeared in three Tahsils of Dera Ismail Khan and caused some damage to crops. Fodder sufficient throughout the Province.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Months of September and October 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 29th. | Tuesday 30th. | Wednesday 1st. | Thursday 2nd. | Friday 3rd. | Saturday 4th. | Sunday 5th. | Total. | Special Remarks. |
| Jullundur. | Jullundur ... | 25th Septr. ... | ... | ... | 0·27 | ... | ... | ... | ... | 0·27 | |
| | Nakodar ... | 26th Do. ... | ... | ... | 0·02 | ... | ... | ... | ... | 0·02 | |
| | Phillour ... | Ditto ... | ... | ... | 0·80 | ... | ... | ... | ... | 0·80 | |
| | Nawashahr ... | Ditto ... | ... | ... | 0·68 | ... | ... | ... | ... | 0·68 | |
| Ludhiána. | Samrála ... | 25th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána ... | Ditto ... | 0·17 | ... | ... | ... | ... | ... | ... | 0·17 | |
| | Jagraon ... | Ditto ... | ... | 0·32 | ... | ... | ... | ... | ... | 0·32 | |
| Ferozepore. | Moga ... | 12th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra ... | 27th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore City ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 7th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 11th Septr. ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Gobindgarh *C* ... | 8th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | 11th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan ... | 12th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van *C* ... | 14th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chuniáu ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe *C* ... | 16th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Niáz Beg *C* ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Manihála *C* ... | 27th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dafthu *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Amritsar. | Buchar *C* ... | 27th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khara *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tarn Táran ... | 25th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya *C* ... | 26th Do. ... | ... | ... | 0·05 | ... | ... | ... | ... | 0·05 | |
| | Jaudiála *C* ... | 27th Do. ... | ... | ... | 0·15 | ... | ... | ... | ... | 0·15 | |
| | Jail Hospital ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Tahsíl ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar *C* ... | 27th Septr. ... | ... | ... | 0·05 | ... | ... | ... | ... | 0·05 | |
| | Buggeh *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ajnála ... | Ditto ... | ... | 0·11 | ... | ... | ... | ... | ... | 0·11 | |
| Gurdáspur. | Aliwál *C* ... | 28th Septr. ... | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Batála ... | 27th Do. ... | ... | 0·19 | ... | ... | ... | ... | ... | 0·19 | |
| | Kaler *C* ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri *C* ... | Ditto ... | ... | ... | 0·10 | ... | ... | ... | ... | 0·10 | |
| | Gurdáspur ... | 25th Septr. ... | ... | ... | 0·09 | ... | ... | ... | ... | 0·09 | |
| | Bhímpur *C* ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot ... | 25th Do. ... | ... | 0·87 | ... | ... | ... | ... | ... | 0·87 | |
| | Dalhousie ... | 24th Do. ... | ... | ... | 0·22 | ... | ... | ... | ... | 0·22 | |
| | Mádhopur *C* ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh ... | 25th Septr. ... | ... | 0·12 | 0·17 | ... | ... | ... | ... | 0·29 | |
| Sialkot. | Zafarwál ... | 27th Septr. ... | ... | ... | 0·47 | ... | ... | ... | ... | 0·47 | |
| | Pasrúr ... | Ditto ... | ... | ... | 0·31 | ... | ... | ... | ... | 0·31 | |
| | Raya ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | 28th Septr. ... | ... | ... | 0·40 | ... | ... | ... | ... | 0·40 | |
| | Siálkot ... | 27th Do. ... | ... | ... | 0·33 | ... | ... | ... | ... | 0·33 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. *Months of September and October* 1890. Monday 29th. | Tuesday 30th. | Wednesday 1st. | Thursday 2nd. | Friday 3rd. | Saturday 4th. | Sunday 5th. | Total. | Special Remarks. |
| Gujrat. | Sadr | 27th Septr. | ... | 0·07 | ... | ... | ... | ... | ... | 0·07 | |
| | Gujrát | Ditto | ... | 0·09 | ... | ... | ... | ... | ... | 0·09 | |
| | Khárián | Ditto | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Phália | 1st Septr. | ... | 0·35 | ... | ... | ... | ... | ... | 0·35 | |
| Gujranwala. | Rámnagar | 26th Septr. | ... | 0·70 | ... | ... | ... | ... | ... | 0·70 | |
| | Wazirabad | Ditto | ... | 0·42 | ... | ... | ... | ... | ... | 0·42 | |
| | Sadr Kacherí | 31st August | ... | 0·48 | ... | ... | ... | ... | ... | 0·48 | |
| | Shekhupura | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad | Ditto | ... | ... | 0·02 | ... | ... | ... | ... | 0·02 | |
| | Meluána *C* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Shahpur. | Midh | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | Ditto | ... | ... | 0·18 | ... | ... | ... | ... | 0·18 | |
| | Miáni | Ditto | ... | ... | 1·00 | ... | ... | ... | ... | 1·00 | |
| Jhelum. | Pind Dádan Khan | 31st August | ... | ... | 0·72 | ... | ... | ... | ... | 0·72 | |
| | Sadr Station | 27th Septr. | ... | ... | 0·64 | ... | ... | ... | ... | 0·64 | |
| | Chakwál | 31st August | ... | ... | 1·36 | ... | ... | ... | ... | 1·36 | |
| | Talagang | 11th Septr. | ... | ... | 0·19 | ... | ... | ... | ... | 0 19 | |
| Rawalpindi. | Pindigheb | 21st August | ... | ... | 0·70 | ... | 0 90 | ... | ... | 1·60 | |
| | Fatahjang | 31st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi | 27th Septr. | ... | ... | ... | ... | 0·17 | ... | ... | 0·17 | |
| | Gujar Khan | 26th Do. | ... | 1·15 | ... | ... | ... | ... | ... | 1·15 | |
| | Kahúta | 25th Do. | 0·46 | ... | ... | ... | ... | ... | ... | 0·46 | |
| | Murree | 26th Do. | 0·10 | 1·00 | ... | 0·40 | 0·30 | 0·30 | ... | 2·10 | |
| Hazara | Abbott-abad | 27th Septr. | ... | 0·75 | 0·18 | ... | 0·30 | ... | R. | 1·23 | |
| | Mansahra | Ditto | ... | 0 66 | 0·19 | ... | 0·25 | ... | ... | 1·10 | |
| | Haripur | 31st August | ... | 0·90 | 0·90 | ... | 0 50 | ... | ... | 2·30 | |
| Peshawar. | Sawábi | 31st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | 6th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | 2nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kohat. | Kohát | 30th August | ... | ... | T0·14 | T. | ... | T. R. | ... | 0·14 | |
| | Hangu | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 28th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 22nd Do. | ... | ... | ... | ... | 0·08 | ... | ... | 0·08 | |
| Bannu. | Miánwáli | 21st August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | 1st Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu | 22nd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ismail Khan. | Tánk | 1st Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchí | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Dera Ghazi Khan. | Sangarh | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 12th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh | 22nd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sináwán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

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*Office of Director of Land Records and Agriculture, Punjab.*

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. *Months of September and October 1890.* | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 29th. | Tuesday 30th. | Wednesday 1st. | Thursday 2nd. | Friday 3rd. | Saturday 4th. | Sunday 5th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr ... | 27th Septr. ... | ... | 0·07 | ... | ... | ... | ... | ... | 0·07 | |
| | Gujrát ... | Ditto ... | ... | 0·09 | ... | ... | ... | ... | ... | 0·09 | |
| | Khárián ... | Ditto ... | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Phália ... | 1st Septr. ... | ... | 0·35 | ... | ... | ... | ... | ... | 0·35 | |
| GUJRANWALA. | Rámnagar ... | 26th Septr. ... | ... | 0·70 | ... | ... | ... | ... | ... | 0·70 | |
| | Wazirabad ... | Ditto ... | ... | 0·42 | ... | ... | ... | ... | ... | 0·42 | |
| | Sadr Kacheri ... | 31st August ... | ... | 0·48 | ... | ... | ... | ... | ... | 0·48 | |
| | Shekhupura ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | Ditto ... | ... | ... | 0·02 | ... | ... | ... | ... | 0·02 | |
| | Meluána *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera ... | Ditto ... | ... | ... | 0·18 | ... | ... | ... | ... | 0·18 | |
| | Miáni ... | Ditto ... | ... | ... | 1·00 | ... | ... | ... | ... | 1·00 | |
| JHELUM. | Pind Dádan Khan | 31st August ... | ... | ... | 0·72 | ... | ... | ... | ... | 0·72 | |
| | Sadr Station ... | 27th Septr. ... | ... | ... | 0·64 | ... | ... | ... | ... | 0·64 | |
| | Chakwál ... | 31st August ... | ... | ... | 1·36 | ... | ... | ... | ... | 1·36 | |
| | Talagang ... | 11th Septr. ... | ... | ... | 0·19 | ... | ... | ... | ... | 0 19 | |
| RAWALPINDI. | Pindigheb ... | 21st August ... | ... | ... | 0·70 | ... | 0 90 | ... | ... | 1·60 | |
| | Fatahjang ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi ... | 27th Septr. ... | ... | ... | ... | ... | 0·17 | ... | ... | 0·17 | |
| | Gujar Khan ... | 26th Do. ... | ... | 1·15 | ... | ... | ... | ... | ... | 1·15 | |
| | Kahúta ... | 25th Do. ... | 0·46 | ... | ... | ... | ... | ... | ... | 0·46 | |
| | Murree ... | 26th Do. ... | 0·10 | 1·00 | ... | 0·40 | 0·30 | 0·30 | ... | 2·10 | |
| HAZARA. | Abbott-abad ... | 27th Septr. ... | ... | 0·75 | 0·18 | ... | 0·30 | ... | R. | 1·23 | |
| | Mansahra ... | Ditto ... | ... | 0 66 | 0·19 | ... | 0·25 | ... | ... | 1·10 | |
| | Haripur ... | 31st August ... | ... | 0·90 | 0·90 | ... | 0 50 | ... | ... | 2·30 | |
| PESHAWAR. | Sawábi ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 30th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang ... | 6th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar ... | 5th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai ... | 2nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát ... | 30th August ... | ... | ... | T0·14 | T. | ... | T. R. | ... | 0·14 | |
| | Hangu ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal ... | 28th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 22nd Do. ... | ... | ... | ... | ... | 0·08 | ... | ... | 0·08 | |
| BANNU. | Miánwáli ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 1st Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu ... | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk ... | 1st Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Ghází Khan | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 11th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sináwán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

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*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 2·19 | 12·65 | 2·13 | ... | 0·21 | 12·10 | 12·31 | The rainfall has been much under the average. Jowár has suffered most, and this crop is generally very poor. Bájra is somewhat better. The pulses are very poor. No Rabi sown for want of rain, except on Ghaggar. Fodder at present sufficient. |
| | Fatahabad ... | 2·19 | 13·86 | 2·40 | ... | 0·62 | 13·35 | 13·97 | |
| | Barwála ... | 2·28 | 14·35 | 2·21 | 0·83 | 0·53 | 16·60 | 17·13 | |
| | **Hissar** ... | **2·32** | **13·20** | **1·94** | **0·58** | **0·55** | **9·09** | **9·64** | |
| | Hánsi ... | 2·14 | 13·88 | 2·15 | 0·21 | 0·46 | 12·42 | 12·88 | |
| | Bhiwáni ... | 2·27 | 16·44 | 2·37 | 0·21 | 0·54 | 14·99 | 15·53 | |
| | Budhláda ... | ... | ... | ... | ... | 0·59 | 13·48 | 14·07 | |
| | Dhaneta ... | ... | ... | ... | ... | 1·21 | 16·83 | 18·04 | |
| Ohtak. | **Rohtak** ... | **2·70** | **17·18** | **3·00** | **0·20** | **0·65** | **19·31** | **19·96** | Last month there was a good fall of rain in the south of the Jhajjar Tahsíl and in the north-east and east of the Sámpla Tahsíl, which came in time for the Rabi sowings and also benefited the Kharíf crop. Bájra is being cut throughout the district, except in a few villages in the west of Rohtak Tahsíl The Kharíf harvest seems an average one. Fodder plentiful. |
| | Gohána ... | 2·86 | 19·44 | 3·47 | 0·10 | 0·65 | 25·99 | 26·64 | |
| | Sámpla ... | 2·71 | 19·48 | 3·55 | 0·19 | ... | 22·83 | 22·83 | |
| | Jhajjar ... | 2·50 | 20·21 | 3·50 | 0·79 | 1·03 | 17·91 | 18·94 | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | 1·44 | 1·34 | 22·33 | 23·67 | There has been rain over the greater part of the district, which has benefited the Kharíf crops. None however is required both for Kharíf crops and Rabi sowings. Fodder sufficient. |
| | Játusána ... | ... | ... | ... | 2·98 | 0·40 | 11·90 | 12·30 | |
| | Rewári ... | 1·97 | 20·36 | 3·88 | 2·60 | 0·50 | 17·30 | 17·80 | |
| | Shahjahánpur ... | ... | ... | ... | 2·54 | 0·95 | 19·35 | 20·30 | |
| | Tauru ... | ... | ... | ... | 3·00 | 0·15 | 18·50 | 18·65 | |
| | Nuh ... | 2·15 | 23·81 | 4·88 | 4·67 | 0·92 | 27·67 | 28·59 | |
| | Firozpur ... | 1·26 | 20·45 | 5·11 | 2·38 | 0·70 | 32·75 | 33·45 | |
| | Hodal ... | ... | ... | ... | 2·50 | ... | 24·06 | 24·06 | |
| | Hattín ... | ... | ... | ... | 2·40 | 0·27 | 32·64 | 32·91 | |
| | Palwal ... | 1·86 | 23·04 | 5·07 | 2·15 | 0·40 | 28·66 | 29·06 | |
| | Sohna ... | ... | ... | ... | 2·60 | 0·30 | 27·20 | 27·50 | |
| | **Gurgaon** ... | **2·44** | **23·71** | **4·85** | **0·53** | **1·19** | **25·55** | **26·74** | |
| | Punahána ... | ... | ... | ... | 2·07 | 0·15 | 26·94 | 27·09 | |
| Delhi. | Ballabgarh ... | 2·39 | 21·81 | 3·91 | 0·77 | 1·18 | 33·93 | 35·11 | Rabi sowings progressing Kharíf prospects average. Canal was full during the month and irrigation was resorted to when necessary. |
| | Mahrauli ... | ... | ... | ... | 0·70 | 0·80 | 22·40 | 23·20 | |
| | **Sadr (Delhi)** ... | **3·01** | **24·17** | **4·74** | **2·07** | **0·82** | **30·70** | **31·52** | |
| | Sonepat ... | 3·10 | 22·59 | 4·58 | 2·97 | 1·03 | 20·45 | 21·48 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Karnal. | Pánipat ... | 4·22 | 21·59 | 3·36 | ... | 0·86 | 29·17 | 30·03 | Rain wanted for Rabi sowings Kharíf crops good. |
| | **Karnal** ... | **4·33** | **25 40** | **3·92** | **0·92** | **1·44** | **36·55** | **37 99** | |
| | Rajaund ... | ... | ... | ... | ... | 0·20 | 15·16 | 15 36 | |
| | Kaithal ... | 1·95 | 15·48 | 2·11 | ... | 0·40 | 2 ·12 | 20·52 | |
| | Guhla ... | ... | ... | ... | ... | 1·33 | 26·87 | 28·20 | |
| Umballa. | Pipli ... | 4·29 | 24·87 | 3·51 | 0·91 | 0 65 | 35·44 | 36·09 | Kharíf harvesting in progress. |
| | Jagádhri ... | 5·86 | 37 78 | 5·15 | 3·56 | 1·70 | 41·93 | 43·63 | |
| | **Umballa** ... | **5 42** | **30·00** | **4·30** | **0·50** | **1·40** | **43·22** | **44·62** | |
| | Naráingarh ... | 6·37 | 36·33 | 4·64 | 5·03 | 0·99 | 53·82 | 54·81 | |
| | Kharar ... | 5·49 | 29·77 | 3·63 | 0·92 | 2·71 | 28 58 | 31·29 | |
| | Rúpar ... | 5·18 | 23·68 | 3·09 | 0 99 | 3·08 | 23·17 | 26·25 | |
| | Kotra ... | ... | ... | ... | 0·32 | 0·35 | 8·52 | 8·87 | |
| | Jodhpur ... | ... | ... | ... | | ... | 8·22 | 8 22 | |
| | Raniki ... | ... | ... | ... | 0·36 | 0·70 | 15 27 | 15·97 | |
| | Dádupur ... | ... | ... | ... | 0·50 | 0·33 | 12·95 | 13·28 | |
| Simla. | Kasauli ... | 10·75 | 57 68 | 6·73 | 5·96 | 3·69 | 71 70 | 75 39 | Good. |
| | Barauli ... | 8·69 | 49 15 | 5·08 | 5·93 | 4·49 | 61 93 | 66·42 | |
| | **Simla** ... | **11 09** | **59 56** | **6·25** | **7 91** | **3·78** | **65 99** | **69 77** | |
| | Kot Khái ... | 9 73 | 48·13 | 5·21 | 5 45 | 4 22 | 26·85 | 31·07 | |
| | Kotgarh ... | 10·63 | 53·60 | 5 95 | 5·20 | 4·22 | 26 50 | 30·72 | |
| | Kilba ... | ... | 21·19 | 6·30 | 4·13 | 15·31 | 23 77 | 39·08 | |
| Kangra. | Plách ... | 7·94 | 36·79 | 4·26 | 4·14 | 5·60 | 30·85 | 36 45 | Kharíf crops being harvested and promise to be good except those in Baráni lands, which have suffered to some extent in consequence of holding off of rain. The ground is being prepared for the Rabi sowings. |
| | Kulu ... | 8·90 | 38·18 | 4·38 | 2·81 | 10·71 | 27·71 | 38·42 | |
| | Nagar ... | 24·02 | 28·71 | 4·13 | 3·12 | 9·04 | 30·45 | 39·49 | |
| | Pálampur ... | 14·81 | 90·04 | 10·36 | 3·43 | 10·29 | 116·73 | 127·02 | |
| | Hamírpur ... | 7·86 | 44·08 | 5·20 | 0·50 | 6·97 | 51·34 | 58·31 | |
| | Dera ... | 9·56 | 48·61 | 5·71 | 0·71 | 6·18 | 49·72 | 58·31 | |
| | Kángra ... | 9·76 | 57·89 | 6·81 | 2·37 | 5·05 | 72 92 | 77·97 | |
| | **Dharmsala** ... | **17·14** | **107·41** | **13·17** | **2·49** | **8·46** | **119·80** | **128·26** | |
| | Núrpur ... | 12·69 | 57·85 | 7·52 | 1·04 | 3·17 | 48·11 | 51·28 | |
| Hoshiarpur. | Dasúya ... | 6·91 | 28·45 | 4·26 | 1·38 | 2·20 | 20·36 | 22·56 | Maize, kangní and china have been cut and the remaining Kharíf crops are still on the ground. Maize is said to have suffered from partial drought caused by deficient rainfall at the latter part of the month of August, and the estimated yield of it on the Baráni lands will not be so favourable as at first expected. Flights of locusts appeared in certain villages of this district from 18th to 27th Sepember, but no injury was done to crops by them. In Tahsíl Garhshankar it is said, however, that leaves of jowár, moth, sugar-cane were slightly injured by them. |
| | Una ... | 6·91 | 31·21 | 4·18 | 0·76 | 2·49 | 25·48 | 27·97 | |
| | Garhshankar ... | 6·40 | 26·19 | 3·72 | 1·59 | 1·53 | 18·72 | 20·31 | |
| | **Sadr Station** ... | **6·22** | **28 82** | **4 45** | **3·37** | **2·57** | **28 36** | **30·93** | |
| | Hoshiárpur ... | 6·22 | 28·82 | 4 45 | 1·45 | 2·84 | 26·80 | 29·64 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | **4·99** | **23·26** | **3·70** | **0·85** | **1·68** | **13·12** | **14·80** | Condition of standing crops average. Rabi sowings commenced. |
| | Nakodar ... | 5·00 | 21·20 | 3·54 | 0·70 | 1·80 | 15·30 | 17·10 | |
| | Phillour ... | 5·67 | 21·71 | 3·44 | 0·92 | 2·18 | 18·78 | 20·96 | |
| | Nawashahr ... | 5·96 | 22·53 | 3·70 | 1·07 | 1·88 | 16·13 | 18·01 | |
| Ludhiana. | Samrála ... | 5·81 | 21·92 | 3·77 | 1·78 | 1·66 | 24·99 | 26·65 | Kharíf crops in fair condition. Rabi sowings have also commenced. |
| | **Ludhiana** ... | **6·23** | **25·16** | **4·54** | **0·41** | **2·26** | **18·79** | **21·05** | |
| | Jagraon ... | 4·36 | 17·17 | 3·29 | 0·93 | 0·64 | 14·51 | 15·15 | |
| Ferozepore. | Moga ... | 3·88 | 17·02 | 1·96 | ... | 0·47 | 13·79 | 14·26 | Kharíf crops have suffered for want of rain. It is urgently wanted to enable the rabi to be sown. Locusts have appeared in Ferozepore and Moga Tahsils, but did no damage of importance. Steps were taken to destroy the young as they hatched. Supply of water in Sirhind Canal ample. |
| | Zíra ... | 4·37 | 20·77 | 2·55 | 0·22 | 1·02 | 10·22 | 11·24 | |
| | **Ferozepore Sadr** ... | **3·82** | **18·49** | **2·67** | **0·57** | **0·91** | **13·78** | **14·69** | |
| | Ferozepore City ... | 3·82 | 18·49 | 2·67 | 0·50 | 0·89 | 15·21 | 16·10 | |
| | Muktsar ... | 2·12 | 11·58 | 2·01 | ... | 0·08 | 9·76 | 9·84 | |
| | Fázilka ... | 2·09 | 10·23 | 1·84 | ... | 0·68 | 9·59 | 10·27 | |
| | Nathána ... | ... | ... | ... | 0·38 | ... | 9·14 | 9·14 | |
| | Gobindgarh ... | ... | ... | ... | ... | ... | 6·60 | 6·60 | |
| Mooltan. | Mailsi ... | 0·85 | 3·60 | 0·83 | ... | 0·12 | 3·26 | 3·38 | Condition of crops good on the whole. |
| | Lodhrán ... | 1·26 | 5·10 | 1·07 | ... | 0·07 | 2·65 | 2·72 | |
| | Shujabad ... | 1·55 | 6·28 | 1·16 | ... | 0·36 | 2·36 | 2·72 | |
| | **Mooltan** ... | **1·52** | **5·53** | **0·85** | ... | **0·50** | **5·09** | **5·59** | |
| | Kabirwála ... | 1·44 | 5·40 | 1·11 | ... | 0·20 | 1·55 | 1·75 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 2·16 | 8·55 | 1·04 | ... | 0·46 | 3·14 | 3·60 | Crops good in Tahsíls Jhang and Shorkot, and average in Tahsíl Chiniot, where rain is wanted. The yield of makai and jowár though suffering a little from "Tela" in Tahsíl Jhang is not below average. Taraddad and kásht for Rabi next is in progress. Locusts appeared. |
| | **Jhang** ... | **2·26** | **8·67** | **0·79** | ... | **0·55** | **8·76** | **9·31** | |
| | Chiniot ... | 2·77 | 10·40 | 0·98 | ... | 1·53 | 12·23 | 13·76 | |
| Montgomery. | Gugera ... | 1·70 | 6·12 | 1·01 | ... | 0·76 | 11·81 | 12·57 | The Kharíf crops have suffered generally in this month from want of rain and decrease of water in the river and the Lower Sohág and Pára Canal. |
| | **Montgomery** ... | **2·20** | **8·34** | **1·06** | ... | **0·50** | **8·31** | **8·81** | |
| | Pákpattan ... | 1·70 | 6·53 | 1·07 | ... | 0·62 | 6·46 | 7·08 | |
| | Dipálpur ... | 1·65 | 6·73 | 1·32 | ... | 0·76 | 8·52 | 9·28 | |
| Lahore. | Van (*c*) ... | 2·53 | 12·29 | 2·76 | ... | 2·52 | 13·90 | 16·42 | No rain to speak of fell during the month. Baráni crops are fast drying up and will be useless except for purposes of fodder. On irrigated lands maize has suffered from blight. Cotton is poor owing to excessive rains in July and outturn is likely to be deficient. Rice crop in Sharákpur has done fairly well, and is now being cut. Rabi sowings for gram and rape in progress during the month and ploughings for wheat. |
| | Chunián ... | 3·35 | 13·39 | 2·23 | ... | 1·84 | 9·72 | 11·56 | |
| | Kasúr ... | 3·28 | 15·02 | 2·24 | 0·38 | 2·05 | 18·70 | 20·75 | |
| | Pambe (*c*) ... | 2·83 | 13·26 | 2·70 | ... | 0·82 | 17·49 | 18·31 | |
| | Sharakpur ... | 2·61 | 11·40 | 1·85 | ... | 1·27 | 16·50 | 17·77 | |
| | Niáz Beg (*c*) ... | 3·77 | 15·10 | 3·15 | ... | 1·04 | 24·16 | 25·20 | |
| | **Lahore** ... | **4·00** | **17·64** | **2·52** | **0·21** | **1·08** | **22·06** | **23·14** | |
| | Meean Meer (*c*) ... | 4·60 | 19·59 | 3·77 | ... | 1·12 | 33·20 | 34·32 | |
| | Manihála (*c*) ... | 3·60 | 16·18 | 3·08 | 0·56 | 2·17 | 12·15 | 14·32 | |
| | Dafthu ... | ... | ... | ... | ... | 1·26 | 17·18 | 18·44 | |
| Amritsar. | Buchar (*c*) ... | 2·86 | 14·54 | 2·75 | 0·89 | 1·31 | 22·06 | 23·37 | Maize, jowár and rice harvest has begun. The Kharíf will be a good harvest on irrigated lands and a very fair one on baráni. Some damage by floods from the Sakki in Ajnála has occurred, and some from locusts, which are appearing from time to time. Rain in the fourth week has been general and will be of great benefit to the Rabi. Canals working well. |
| | Khara (*c*) ... | 2·37 | 12·32 | 2·32 | 0·81 | 2·83 | 13·72 | 16·55 | |
| | Taru Táran ... | 3·89 | 18·56 | 2·31 | 0·26 | 1·43 | 15·86 | 17·29 | |
| | Raya (*c*) ... | 3·73 | 17·10 | 2·92 | 0·60 | 1·55 | 20·55 | 22·10 | |
| | Jandiála (*c*) ... | 3·72 | 14·24 | 2·94 | 1·04 | 1·61 | 11·65 | 13·26 | |
| | Jail Hospital ... | ... | ... | ... | 0·45 | 1·15 | 21·49 | 22·64 | |
| | **Amritsar Sadr** ... | **4·46** | **21·85** | **3·01** | **0·50** | **1·60** | **19·88** | **21·48** | |
| | Amritsar (*c*) ... | ... | ... | ... | 0·60 | 1·24 | 19·85 | 21·09 | |
| | Buggeh (*c*) ... | 2·89 | 14·42 | 1·99 | 0·90 | 1·62 | 18·96 | 20·58 | |
| | Ajnála ... | 3·48 | 15·84 | 1·97 | 1·02 | 1·43 | 19·58 | 21·01 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | 11·47 | 1·77 | ... | 1·68 | 9·64 | 11·32 | *Bhera Tahsíl.*—Prices stationary; crops below average, especially in baráni lands. *Shahpur Tahsíl.*—Kharíf-cotton good; watering and sowing for Rabi, jowár bad, bájra average, fodder plentiful. Prices stationary. *Khusháb.*—Crops poor throughout. No rain. Grass plentiful; prices high. Locusts in Mohar circle did some damage; crops very poor in Thot. Prospects much impaired owing to no rain; kharif much dried up and below average. Supply of fodder good. |
| | Sahiwál ... | 2·74 | 11·30 | 0·96 | ... | 0·81 | 8·84 | 9·65 | |
| | Núrpur ... | 1·23 | 3·26 | 0·13 | ... | 0·73 | 8·80 | 9·53 | |
| | Mitha Tiwána ... | 2·75 | 8·99 | 1·13 | ... | 0·40 | 4·74 | 5·14 | |
| | Sakesar ... | 2·31 | 9·16 | 1·49 | ... | 0·60 | 13·11 | 13·71 | |
| | Naushahra ... | 3·45 | 14·01 | 1·57 | ... | 1·50 | 4·79 | 6·29 | |
| | Khusháb ... | 2·56 | 8·49 | 1·20 | ... | 1·02 | 4·13 | 5·15 | |
| | **Shahpur** ... | **3·58** | **11·23** | **1·77** | ... | **1·03** | **6·39** | **7·42** | |
| | Bhera ... | 3·60 | 11·00 | 1·55 | ... | 0·44 | 7·53 | 7·97 | |
| | Miáni ... | 5·03 | 9·91 | 1·94 | ... | 1·60 | 13·06 | 14·66 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | 12·47 | 1·47 | ... | 1·76 | 14·62 | 16·38 | Kharíf crops are being gathered and preparations are being made for rabi sowings. No inundation in the river this month. |
| | **Sadr Station** ... | **6·03** | **18·57** | **2·45** | **0·44** | **1·69** | **29·47** | **31·16** | |
| | Chakwál ... | 4·13 | 12·03 | 1·59 | ... | 1·81 | 19·37 | 21·18 | |
| | Talagang ... | 4·80 | 13·01 | 1·86 | 0·11 | 1·66 | 16·99 | 18·65 | |
| Rawalpindi. | Pindigheb ... | 5·13 | 11·29 | 1·79 | ... | 2·14 | 10·82 | 12·96 | Kharíf outturn not good. |
| | Fatahjang ... | 10·10 | 18·08 | 3·73 | ... | 3·83 | 11·40 | 15·23 | Ditto average. |
| | Attock ... | 7·15 | 14·09 | 2·03 | ... | 1·90 | 12·50 | 14·40 | Ditto do. |
| | **Rawalpindi** ... | **8·56** | **23·40** | **3·36** | **0·81** | **4·07** | **41·10** | **45·17** | Ditto do. |
| | Gujar Khan ... | 10·17 | 21·80 | 4·03 | 2·40 | 4·55 | 28·25 | 32·80 | Ditto good. |
| | Kahuta (*c*) ... | 12·04 | 31·78 | 5·53 | 3·91 | 2·94 | 42·44 | 45·38 | Ditto do. |
| | Murree (*c*) ... | 12·85 | 42·05 | 6·30 | 2·50 | 3·40 | 36·20 | 39·60 | Ditto do. |
| Hazara. | **Abbott-abad** ... | **15·31** | **30·08** | **3·22** | **3·43** | **6·81** | **30·72** | **37·53** | Little rain; condition of crops average. Kharif reapings commenced in Mánsahra Tahsíl. Prices stationary. Water from water-cuts, irrigation channels sufficient. |
| | Mánsahra ... | 12·76 | 24·47 | 2·66 | 3·15 | 6·59 | 33·80 | 40·39 | |
| | Haripur ... | 10·95 | 20·52 | 2·47 | 0·90 | 3·60 | 21·33 | 24·93 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October 1889 to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 3·73 | 11·47 | 1·77 | ... | 1·68 | 9·64 | 11·32 | *Bhera Tahsíl.*—Prices stationary; crops below average, especially in baráni lands. *Shahpur Tahsíl.*—Kharíf-cotton good; watering and sowing for Rabi, jowár bad, bájra average, fodder plentiful. Prices stationary. *Khusháb.*—Crops poor throughout. No rain. Grass plentiful; prices high. Locusts in Mohar circle did some damage; crops very poor in Thot. Prospects much impaired owing to no rain; kharif much dried up and below average. Supply of fodder good. |
| | Sahiwál ... | 2·74 | 11·30 | 0·96 | ... | 0·81 | 8·84 | 9·65 | |
| | Núrpur ... | 1·23 | 3·26 | 0·13 | ... | 0·73 | 8·80 | 9·53 | |
| | Mitha Tiwána ... | 2·75 | 8·99 | 1·13 | ... | 0·40 | 4·74 | 5·14 | |
| | Sakesar ... | 2·31 | 9·16 | 1·49 | ... | 0·60 | 13·11 | 13·71 | |
| | Naushahra ... | 3·45 | 14·01 | 1·57 | ... | 1·50 | 4·79 | 6·29 | |
| | Khusháb ... | 2·56 | 8·49 | 1·20 | ... | 1·02 | 4·13 | 5·15 | |
| | **Shahpur** ... | **3·58** | **11·23** | **1·77** | ... | **1·03** | **6·39** | **7·42** | |
| | Bhera ... | 3·60 | 11·00 | 1·55 | ... | 0·44 | 7·53 | 7·97 | |
| | Miáni ... | 5·03 | 9·91 | 1·94 | ... | 1·60 | 13·06 | 14·66 | |
| Jhelum. | Pind Dádan Khan ... | 4·25 | 12·47 | 1·47 | ... | 1·76 | 14·62 | 16·38 | Kharíf crops are being gathered and preparations are being made for rabi sowings. No inundation in the river this month. |
| | **Sadr Station** ... | **6·03** | **18·57** | **2·45** | **0·44** | **1·69** | **29·47** | **31·16** | |
| | Chakwál ... | 4·13 | 12·03 | 1·59 | ... | 1·81 | 19·37 | 21·18 | |
| | Talagang ... | 4·80 | 13·01 | 1·86 | 0·11 | 1·66 | 16·99 | 18·65 | |
| Rawalpindi. | Pindigheb ... | 5·13 | 11·29 | 1·79 | ... | 2·14 | 10·82 | 12·96 | Kharíf outturn not good. |
| | Fatahjang ... | 10·10 | 18·08 | 3·73 | ... | 3·83 | 11·40 | 15·23 | Ditto average. |
| | Attock ... | 7·15 | 14·09 | 2·03 | ... | 1·90 | 12·50 | 14·40 | Ditto do. |
| | **Rawalpindi** ... | **8·56** | **23·40** | **3·36** | **0·81** | **4·07** | **41·10** | **45·17** | Ditto do. |
| | Gujar Khan ... | 10·17 | 21·80 | 4·03 | 2·40 | 4·55 | 28·25 | 32·80 | Ditto good. |
| | Kahuta (*c*) ... | 12·04 | 31·78 | 5·53 | 3·91 | 2·94 | 42·44 | 45·38 | Ditto do. |
| | Murree (*c*) ... | 12·85 | 42·05 | 6·30 | 2·50 | 3·40 | 36·20 | 39·60 | Ditto do. |
| Hazara. | **Abbott-abad** ... | **15·31** | **30·08** | **3·22** | **3·43** | **6·81** | **30·72** | **37·53** | Little rain; condition of crops average. Kharif reapings commenced in Mánsahra Tahsíl. Prices stationary. Water from water-cuts, irrigation channels sufficient. |
| | Mánsahra ... | 12·76 | 24·47 | 2·66 | 3·15 | 6·59 | 33·80 | 40·39 | |
| | Haripur ... | 10·95 | 20·52 | 2·47 | 0·90 | 3·60 | 21·33 | 24·93 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 6·86 | 10·81 | 1·10 | ... | 5·43 | 12·52 | 17·95 | The condition of standing kharíf crops is generally good. Owing to there being little or no rain during the month the crops on baráni lands are not thriving. There is at present the usual supply of water in the canals. No floods from hill torrents. |
| | Lahore (Utmán Bolak) | 8·95 | 10·63 | 1·02 | ... | 1·90 | 14·41 | 16·31 | |
| | Naushahra ... | 7·40 | 9·99 | 0·87 | ... | 3·93 | 7·33 | 11·26 | |
| | Mardán ... | 9·48 | 13·20 | 1·40 | ... | 3·72 | 18·72 | 22·44 | |
| | Katlang ... | 7·43 | 9·57 | 0·73 | 0·25 | 4·07 | 13·35 | 17·42 | |
| | Hashtnagar ... | 6·00 | 7·69 | 0·86 | 0·70 | 1·53 | 10·24 | 11·77 | |
| | Doáb Daudzai ... | 6·92 | 8·31 | 0·70 | 0·21 | 2·00 | 6·79 | 8·79 | |
| | **Peshawar** ... | **5·82** | **7·42** | **0·86** | ... | **1·66** | **5·60** | **7·26** | |
| Kohat. | **Kohat** ... | **6·48** | **12·89** | **1·75** | ... | **3·38** | **11·08** | **14·46** | There has been no rain since the close of August 1890. In the Barak Tappa of the Khattak Ilaka and in the Hangu Tahsil, where kharif crops are sown earlier, and ripen earlier than in the rest of the district, little or no damage has been done to the standing crops. In the Kohát Tahsíl, however, owing to the failure of rain, water in Toi, on which irrigation of the Samilizai and Baizil Tappas chiefly depends much decreased, and crops suffered to a certain extent. Rain is urgently required. |
| | Hangu ... | ... | ... | ... | ... | 2·70 | 14·70 | 17·40 | |
| | Thal ... | ... | ... | ... | ... | 2·00 | 12·18 | 14·18 | |
| | Karak ... | ... | ... | ... | ... | 2·46 | 17·14 | 19·60 | |
| Bannu. | Miánwáli ... | 2·95 | 9·20 | 1·05 | ... | 0·38 | 0·65 | 1·03 | Kharíf crop is good. Prices of wheat stationary. Locusts not appeared this month. Water defficient in canals. |
| | Isa Khel ... | 3·13 | 7·69 | 0·81 | 0·80 | 2·18 | 3·77 | 5·95 | |
| | **Bannu** ... | **3·79** | **9·00** | **0·85** | ... | **2·27** | **7·00** | **9·27** | |
| | Marwat ... | 4·72 | 11·21 | 1·00 | ... | 3·98 | 6·19 | 10·17 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st March. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st March 1890. | 1st April to 30th September 1890. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 1·45 | 4·86 | 0·33 | 0·57 | 0·97 | 8·93 | 9·90 | Condition of kharif crops good. Rabi sowings commenced. Fodder supply good. Prices stationary. |
| | Kuláchi ... | 2·26 | 5·25 | 0·67 | 1·08 | 0·98 | 8·53 | 9·51 | |
| | **Dera I. Khan** ... | **2·52** | **5·86** | **0·57** | **1·35** | **0·52** | **4·91** | **5·43** | |
| | Bhakkar ... | 2·98 | 5·25 | 0·67 | 0·29 | 0·65 | 6·05 | 6·70 | |
| | Leiah ... | 1·74 | 5·12 | 0·91 | ... | 0·01 | 3·59 | 3·60 | |
| D. G. Khan. | Sangarh ... | 1·42 | 4·08 | 0·33 | ... | 0·30 | 3·08 | 3·38 | Condition of crops below average. Most of the canals have ceased to work early in the season. No hill torrents. |
| | **Dera G. Khan** ... | **1·86** | **5·29** | **0·47** | ... | **0·46** | **1·58** | **2·04** | |
| | Fort Munro ... | 0·92 | 9·46 | 1·27 | ... | ... | 9·62 | 9·62 | |
| | Jámpur ... | 1·88 | 3·74 | 0·30 | ... | 0·69 | 1·33 | 2·02 | |
| | Rájanpur ... | 3·24 | 2·33 | 0·18 | ... | ... | 2·07 | 2·07 | |
| Muzaffargarh. | Alipur ... | 2·30 | 7·01 | 1·06 | ... | 0·10 | 1·73 | 1·83 | Standing crop good. The canals are become dry. Preparations being made for the rabi crops. |
| | **Muzaffargarh** ... | **1·37** | **4·56** | **0·69** | ... | **0·61** | **4·06** | **4·67** | |
| | Sinánwán ... | 1·28 | 4·02 | 0·62 | ... | 1·19 | 2·41 | 3·60 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 20th SEPTEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 6 | 10 | 6 | 3 | 3 | ... | ... | 4 | ... | ... | 2 | 2 | ... | 2 | 37 | 22 |
| 2 | | Hansi ... | 12,656 | 10 | 8 | 18 | 9 | 5 | 4 | ... | ... | 7 | ... | ... | 2 | 3 | ... | 3 | 74 | 37 |
| 3 | | Bhiwani ... | 33,762 | 12 | 18 | 30 | 37 | 24 | 13 | ... | ... | 17 | 7 | ... | 13 | 7 | 4 | 11 | 46 | 57 |
| 4 | | Sirsa ... | 12,292 | 8 | 8 | 16 | 16 | 7 | 9 | ... | ... | 12 | ... | ... | 4 | 3 | 4 | 7 | 68 | 68 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 3 | 3 | 6 | 22 | 8 | 14 | ... | ... | 9 | 7 | 1 | 5 | 2 | 3 | 5 | 20 | 73 |
| 6 | | Jhajjar ... | 11,650 | 1 | 10 | 11 | 10 | 6 | 4 | ... | ... | 9 | ... | ... | 1 | 4 | ... | 4 | 49 | 45 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 17 | 14 | 31 | 29 | 10 | 19 | ... | ... | 18 | 8 | ... | 3 | 2 | 4 | 6 | 66 | 62 |
| 8 | | Palwal ... | 10,635 | 11 | 6 | 17 | 11 | 3 | 8 | ... | ... | 7 | 1 | ... | 3 | 2 | 5 | 7 | 83 | 54 |
| 9 | Delhi ... | Delhi ... | 117,363 | 74 | 84 | 158 | 164 | 93 | 71 | 1 | ... | 103 | 10 | 1 | 49 | 42 | 14 | 56 | 70 | 73 |
| 10 | | " Suburbs ... | 52,882 | 15 | 18 | 33 | 47 | 26 | 21 | 1 | ... | 31 | 1 | ... | 14 | 4 | 4 | 8 | 33 | 46 |
| 11 | | Sonepat ... | 13,077 | 2 | 4 | 6 | 27 | 13 | 14 | ... | ... | 24 | 2 | ... | 1 | 1 | ... | 1 | 24 | 108 |
| 12 | Karnal ... | Karnal ... | 23,133 | 15 | 11 | 26 | 48 | 26 | 22 | ... | 3 | 21 | 5 | ... | 19 | 8 | 8 | 16 | 58 | 108 |
| 13 | | Kaithal ... | 14,754 | 4 | 5 | 9 | 14 | 5 | 9 | ... | ... | 6 | 1 | ... | 7 | 2 | 3 | 5 | 32 | 49 |
| 14 | | Panipat ... | 26,572 | 13 | 7 | 20 | 51 | 24 | 27 | ... | ... | 32 | 1 | ... | 18 | 7 | 9 | 16 | 39 | 100 |
| 15 | Umballa ... | Umballa ... | 26,777 | 16 | 20 | 36 | 123 | 64 | 59 | 1 | 2 | 85 | 12 | ... | 23 | 14 | 10 | 24 | 70 | 240 |
| 16 | | Jagadhri ... | 12,300 | 4 | 6 | 10 | 16 | 3 | 13 | 1 | 2 | 2 | 2 | ... | 9 | 1 | 5 | 6 | 42 | 68 |
| 17 | | Shahabad ... | 10,218 | 5 | 4 | 9 | 29 | 14 | 15 | 7 | .. | 11 | 6 | ... | 5 | ... | 1 | 1 | 46 | 148 |
| 18 | | Sadhaura ... | 10,794 | 9 | 5 | 14 | 15 | 7 | 8 | ... | ... | 13 | ... | ... | 2 | ... | 1 | 1 | 68 | 72 |
| 19 | | Rupar ... | 10,326 | 5 | 4 | 9 | 18 | 9 | 9 | ... | ... | 9 | 4 | ... | 5 | 4 | 4 | 8 | 45 | 91 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 8 | 8 | 16 | 24 | 10 | 14 | ... | ... | 14 | 5 | ... | 5 | 5 | 5 | 10 | 63 | 94 |
| 21 | | Tanda and Urmar ... | 10,295 | 3 | 6 | 9 | 5 | 1 | 4 | ... | ... | 4 | 1 | ... | ... | ... | ... | ... | 46 | 25 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 26 | 23 | 49 | 34 | 16 | 18 | 1 | ... | 18 | 10 | ... | 5 | 7 | 4 | 11 | 82 | 57 |
| 23 | | " Suburbs ... | 11,474 | 11 | 8 | 19 | 15 | 10 | 5 | ... | ... | 10 | 2 | ... | 3 | 3 | 1 | 4 | 86 | 68 |
| 24 | | Rahon ... | 11,736 | 4 | 6 | 10 | 21 | 8 | 13 | ... | ... | 13 | 5 | ... | 3 | 3 | 5 | 8 | 44 | 93 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 33 | 25 | 58 | 44 | 29 | 15 | ... | ... | 36 | ... | ... | 8 | 9 | 7 | 16 | 68 | 52 |
| 26 | | Jagraon ... | 16,873 | 10 | 12 | 22 | 23 | 11 | 12 | ... | ... | 16 | 2 | ... | 5 | 5 | 5 | 10 | 68 | 71 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 14 | 9 | 23 | 35 | 20 | 15 | ... | ... | 21 | 3 | ... | 11 | 7 | 8 | 15 | 57 | 87 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 29 | 36 | 65 | 26 | 15 | 11 | ... | ... | 8 | 6 | ... | 12 | 9 | 5 | 14 | 106 | 43 |
| 29 | | " Suburbs ... | 25,593 | 12 | 17 | 29 | 31 | 17 | 14 | ... | ... | 14 | 5 | ... | 12 | 9 | 5 | 14 | 59 | 63 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 14 | 4 | 18 | 20 | 2 | 18 | ... | ... | 7 | 3 | ... | 10 | 1 | 8 | 9 | 75 | 83 |
| 31 | | Chiniot ... | 11,191 | 7 | 7 | 14 | 15 | 6 | 9 | ... | ... | 11 | ... | ... | 4 | 2 | 2 | 4 | 65 | 70 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 49 | 54 | 103 | 170 | 78 | 92 | 1 | ... | 131 | 4 | ... | 34 | 20 | 23 | 43 | 55 | 91 |
| 33 | | " Suburbs ... | 41,670 | 10 | 4 | 14 | 37 | 22 | 15 | ... | ... | 23 | 4 | ... | 10 | 5 | 3 | 8 | 17 | 46 |
| 34 | | Kasur ... | 17,336 | 16 | 8 | 24 | 40 | 18 | 22 | ... | ... | 35 | 2 | ... | 3 | 6 | 2 | 8 | 72 | 120 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 64 | 65 | 129 | 366 | 180 | 186 | 19 | ... | 250 | 14 | ... | 83 | 48 | 53 | 101 | 47 | 132 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 13 | 12 | 25 | 50 | 13 | 37 | ... | ... | 46 | 1 | ... | 3 | 1 | 7 | 8 | 54 | 107 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 18 | 11 | 29 | 49 | 22 | 27 | ... | ... | 30 | 6 | ... | 13 | 5 | 6 | 11 | 45 | 75 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 11 | 9 | 20 | 172 | 73 | 99 | ... | ... | 158 | 4 | ... | 10 | 10 | 15 | 25 | 56 | 479 |
| 39 | | Jalalpur ... | 12,839 | 9 | 3 | 12 | 70 | 32 | 38 | ... | ... | 59 | 5 | ... | 6 | 7 | 2 | 9 | 49 | 284 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 20 | 18 | 38 | 60 | 30 | 30 | 1 | ... | 47 | 3 | ... | 9 | 2 | 9 | 11 | 87 | 137 |
| 41 | | Wazirabad ... | 16,462 | 15 | 7 | 22 | 40 | 19 | 21 | ... | ... | 29 | 2 | ... | 9 | 7 | 10 | 17 | 70 | 127 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 12 | 20 | 18 | 9 | 9 | ... | ... | 8 | 2 | ... | 8 | 3 | 2 | 5 | 69 | 62 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 11 | 14 | 28 | 17 | 11 | ... | ... | 23 | 1 | ... | 4 | 3 | 1 | 4 | 44 | 88 |
| 44 | | Pind Dadan Khan ... | 16,724 | 8 | 8 | 16 | 15 | 9 | 6 | ... | ... | 10 | 3 | ... | 2 | 3 | 2 | 5 | 50 | 47 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 14 | 5 | 19 | 27 | 22 | 5 | ... | ... | 18 | 1 | ... | 8 | 9 | 1 | 10 | 36 | 51 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 30 | 31 | 61 | 45 | 27 | 18 | ... | ... | 29 | 5 | 1 | 10 | 5 | 4 | 9 | 54 | 40 |
| 47 | Kohat ... | Kohat ... | 13,490 | 3 | 5 | 8 | 10 | 7 | 3 | ... | ... | 6 | 1 | ... | 3 | 4 | ... | 4 | 31 | 39 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 9 | 3 | 12 | 11 | 6 | 5 | ... | ... | 8 | ... | ... | 3 | 3 | ... | 3 | 33 | 30 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 17 | 13 | 30 | 16 | 8 | 8 | ... | ... | 13 | ... | ... | 3 | 3 | 3 | 6 | 79 | 42 |
| | Birth and death rate of London for the week ending 30th August 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30·8 | 19·6 |
| | Grand Total ... | | 1,316,790 | 716 | 681 | 1,397 | 2,209 | 1087 | 1122 | 33 | 7 | 1,515 | 167 | 3 | 484 | 312 | 277 | 589 | 56 | 88 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 2 | 2 | 4 | 13 | 12 | 1 | ... | 3 | 5 | ... | ... | 5 | 1 | ... | 1 | 17 | 55 |
| | Dharmsala ... | ... ... ... | 3,839 | ... | ... | ... | 5 | 4 | 1 | 2 | ... | 1 | 1 | ... | 1 | 1 | ... | 1 | ... | 68 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 11th October 1890.

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 20th September 1890.*

*General Results.*—The total deaths registered from all causes in the Province were 31,517 against 25,460 in the previous week and 13,355 in the corresponding week of the past year, giving respectively an annual death-rate of 87·2, 70·5 and 37·0 per 1,000 of population. The mortality was 16·7 per 1,000 higher than the exceedingly high death-rate recorded last week and was as much as 53·1 per 1 000 higher than the average death-rate of the corresponding week of the five years 1885—89.

*Cholera.*—There were 280 deaths registered under the head of cholera against 318 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Rohtak ... ... | Kharkhauda Town ... ... | 12 | |
| Do. ... ... | Rural Circle ... ... ... | 4 | |
| Gurgaon ... ... | Rural Circle ... ... ... | 6 | |
| Delhi ... ... | Delhi City ... ... ... | 1 | |
| Do. ... ... | „ Suburbs ... ... ... | 1 | |
| Do. ... ... | Faridabad Town ... ... | 3 | |
| Do. ... ... | Rural Circle ... ... ... | 7 | |
| Umballa ... ... | Umballa Town ... ... ... | 1 | |
| Do. ... ... | Jagadhri Town ... ... ... | 1 | |
| Do. ... ... | Shahabad Town... ... ... | 7 | |
| Do. ... ... | Rural Circles ... ... ... | 164 | |
| Kangra ... ... | Dharmsala Sanitarium ... ... | 2 | |
| Do. ... ... | Rural Circle ... ... ... | 1 | |
| Jullundur ... ... | Jullundur City ... ... ... | 1 | |
| Lahore ... ... | Lahore City ... ... ... | 1 | |
| Do ... ... | Rural Circle ... ... ... | 14 | |
| Amritsar ... ... | Amritsar Town ... ... ... | 19 | |
| Gurdaspur ... ... | Pathankot Town ... ... | 1 | |
| Do. ... ... | Sujanpur Town ... ... ... | 1 | |
| Do. ... ... | Rural Circles ... ... ... | 32 | |
| Gujranwala ... ... | Gujranwala Town ... ... | 1 | |
| | Total ... | 280 | |

*Small-pox.*—From small-pox 56 deaths were registered against 54 in the previous week and 27 in the corresponding week of the past year.

*Fevers.*—From fevers there were 26,168 deaths against 20,397 in the previous week and 9,510 in the corresponding week of the past year. The registered death-rate from fevers was at the annual rate of 72·4 per 1,000, being 16·0 per 1,000 higher than the excessively high fever death-rate recorded last week. The greatest increase from this cause was registered in the districts of Gurdaspur, Sialkot, Gujrat and Gujranwala. The recorded fever mortality of the districts of Gujranwala, Gujrat and Sialkot was at the enormous annual rates of 210, 204 and 191 per 1,000 respectively.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 669 deaths against 588 in the previous week and 512 in the corresponding week of the past year registered under the head of bowel-complaints.

*Chest disease.*—Seven hundred and twenty-eight against 675 and 542.

*Snake-bite.*—Twenty-seven against 28 and 32.

*Hydrophobia.*—*Nil* against 2 and 1.

*All other causes.*—Three thousand five hundred and eighty-nine against 3,898 in the previous week and 2,552 in the corresponding week of the past year.

*Infantile mortality.*—Seven thousand two hundred and fifty deaths were registered in the Province amongst infants under one year of age, of which number 3,703 were males and 3,547 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 2,209 deaths were registered (1,087 males and 1,122 females), giving a death-rate of 88 per mille of population; 1,397 births were registered (716 males and 681 females), giving a birth-rate of 56 per mille of population. The recorded mortality of the 49 large municipal towns was 38·8 per 1,000 higher than the average rate of the corresponding week of the five years 1885—1889. The death-rates of the towns of Gujrat, Jalalpur and Umballa were at the enormous average annual ratios of 479, 284, and 240 per 1,000 respectively.

LAHORE:
*The 11th October* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of August* 1890 *as compared with the same month of the previous year.*

| | Staples. | Total 1890. | Total 1889. | Increase. | Decrease. |
|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. |
| I | Coal and Coke ... | 720 | 1,022 | ... | 302 |
| II | Cotton, Raw— | | | | |
| | Cotton, full-pressed ... | 324 | 499 | ... | 175 |
| | Do., intermediate and half-pressed ... | 5 | 1 | 4 | ... |
| | Do., unpressed ... | 102 | 84 | 18 | ... |
| III | Cotton twist and yarn ... | 301 | 197 | 104 | ... |
| IV | Cotton piece-goods— | | | | |
| | (1) European ... | 806 | 870 | ... | 64 |
| | (2) Indian ... | 564 | 416 | 148 | ... |
| V | Drugs and medicines ... | 13 | 30 | ... | 17 |
| VI | Dye roots and colours ... | 194 | 232 | ... | 38 |
| VII | Firewood ... | 4 7 | 252 | 155 | ... |
| VIII | Grains— | | | | |
| | (1) Wheat ... | 7,247 | 8,690 | ... | 1,443 |
| | (2) Other grains ... | 12,778 | 13,385 | ... | 607 |
| IX | Hay and grass ... | 12 | 66 | ... | 54 |
| X | Hides and skins ... | 346 | 360 | ... | 14 |
| XI | Flax, hemp and jute— | | | | |
| | (1) Raw ... | 29 | 56 | ... | 27 |
| | (2) Gunny bags ... | 490 | 492 | ... | 2 |
| XII | Leather manufactured ... | 40 | 25 | 15 | ... |
| XIII | Liquors, wines, spirits and beer ... | 193 | 200 | ... | 7 |
| XIV | Machinery ... | 190 | 193 | ... | 3 |
| XV | Metals— | | | | |
| | (1) Iron and Steel ... | 1,126 | 939 | 187 | ... |
| | (2) Brass and Copper ... | 429 | 420 | 9 | ... |
| | (3) Zinc and Speiter ... | 79 | 237 | ... | 158 |
| | (4) Lead ... | 7 | 14 | ... | 7 |
| | (5) Others ... | 393 | 359 | 34 | ... |
| XVI | Military Stores ... | 159 | 299 | ... | 140 |
| XVII | Mowra flowers and seeds ... | 102 | 135 | ... | 33 |
| XVIII | Oils— | | | | |
| | (1) Kerosine ... | 355 | 262 | 93 | ... |
| | (2) Others ... | 130 | 163 | ... | 33 |
| XIX | Oil Seeds— | | | | |
| | (1) Linseed ... | 338 | 450 | ... | 112 |
| | (2) Rape seed ... | 231 | 6,400 | ... | 6,169 |
| | (3) Other oil seeds ... | 1,087 | 3,879 | ... | 2,792 |
| XX | Opium ... | 113 | 100 | 13 | ... |
| XXI | Provisions— | | | | |
| | (1) Ghi ... | 457 | 379 | 78 | ... |
| | (2) Dried Fruits and Nuts ... | 117 | 177 | ... | 60 |
| | (3) Cocoanuts ... | 124 | 287 | ... | 163 |
| | (4) Oilman stores ... | 16 | 20 | ... | 4 |
| | (5) Fruits, green, and vegetables... | 391 | 375 | 16 | ... |
| | (6) Others ... | 166 | 345 | ... | 179 |
| XXII | Railway material and rolling stock ... | 18,309 | 8,449 | 9,860 | ... |
| XXIII | Salt ... | 8,125 | 8,356 | ... | 231 |
| XXIV | Saltpetre ... | 393 | 542 | ... | 149 |
| XXV | Silk, raw and manufactured ... | 33 | 20 | 13 | ... |
| XXVI | Spices ... | 188 | 90 | 98 | ... |
| XXVII | Sugar and jagri ... | 3,592 | 2,248 | 1,344 | ... |
| XXVIII | Stones and lime— | | | | |
| | (1) Marble ... | 146 | 489 | ... | 343 |
| | (2) Others ... | 1,642 | 498 | 1,144 | ... |
| XXIX | Tea— | | | | |
| | (1) Foreign ... | 6 | 35 | ... | 29 |
| | (2) Indian ... | 9 | 41 | ... | 32 |
| XXX | Timber ... | 1,598 | 402 | 1,196 | ... |
| XXXI | Tobacco ... | 539 | 538 | 1 | ... |
| XXXII | Wool— | | | | |
| | (1) Raw ... | 56 | 110 | ... | 54 |
| | (2) Piece-goods, woollen ... | 3 | 347 | ... | 344 |
| XXXIII | All other articles ... | 4,053 | 4,857 | ... | 804 |
| | Total ... | 69,273 | 69,332 | 14,530 | 14,589 |
| | *Net* Decrease ... | ... | ... | ... | 59 |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 23rd September* 1890.

J. O'CONNELL,
*Chief Auditor and Accountant.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rájpura-Bhatinda Railway, during the month of* ***August*** *1890, as compared with the same month of the previous year, prescribed in P. W. D. Circular No. XVII R. of July* 1883.

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 473 | 341 | ... | 132 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and Coke ... | 1,306 | 2,087 | 781 | ... | |
| 3 | Cotton, raw ... | 213 | 311 | 98 | ... | |
| 4 | Cotton, Manufactured ... | 2,613 | 2,320 | ... | 293 | |
| 5 | Drugs and Medicines ... | 649 | 658 | 9 | ... | |
| 6 | Dyeing materials ... | 494 | 619 | 125 | ... | |
| 7 | Fibrous products ... | 1,749 | 1,668 | ... | 81 | |
| 8 | Fruits and Nuts ... | 896 | 1,072 | 176 | ... | |
| 9 | Grain and Pulses— | | | | | |
| | (*a*) Wheat ... | 53,516 | 64,974 | 11,458 | ... | |
| | (*b*) Gram ... | 3,393 | 8,709 | 5,316 | ... | |
| | (*c*) Other grain ... | 8,760 | 8,902 | 142 | ... | |
| 10 | Hides and Horns ... | 935 | 523 | ... | 412 | |
| 11 | Leather and manufactures of leather. | 251 | 227 | ... | 24 | |
| 12 | Liquors ... | 1,124 | 1,097 | ... | 27 | |
| 13 | Metals and manufactures of metals. | 2,749 | 2,615 | ... | 134 | |
| 14 | Military Stores ... | 1,593 | 874 | ... | 719 | |
| 15 | Oils ... | 1,314 | 2,100 | 786 | ... | |
| 16 | Provisions—Ghee, &c. ... | 1,589 | 1,546 | ... | 43 | |
| 17 | Railway materials ... | 12,566 | 3,917 | ... | 8,649 | |
| 18 | Salt ... | 8,535 | 4,742 | ... | 3,793 | |
| 19 | Saltpetre ... | 36 | 28 | ... | 8 | |
| 20 | Seeds ... | 8,495 | 2,662 | ... | 5,833 | |
| 21 | Silk ... | 42 | 29 | ... | 13 | |
| 22 | Spices ... | 516 | 286 | ... | 230 | |
| 23 | Stone, Kunkur, Lime and Bricks | 4,280 | 5,358 | 1,078 | ... | |
| 24 | Sugar ... | 4,273 | 4,345 | 72 | ... | |
| 25 | Tea ... | 137 | 115 | ... | 22 | |
| 26 | Tobacco ... | 840 | 840 | ... | ... | |
| 27 | Wood— | | | | | |
| | (*a*) Timber ... | 2,784 | 2,735 | ... | 49 | |
| | (*b*) Fire-wood ... | 4,267 | 2,740 | ... | 1,527 | |
| 28 | Wool ... | 866 | 663 | ... | 203 | |
| 29 | All other articles of merchandize | 4,110 | 6,572 | 2,462 | ... | |
| | | No. | No. | No. | No. | |
| | Total ... Animals ... | 473 | 341 | ... | 132 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... Goods ... | 134,891 | 135,334 | 443 | ... | |

LAHORE:
*The 9th October* 1890.

R. K. WILLIAMS,
*Examiner of Accounts.*

Punjab Government Press, Lahore—16-10-90—690.

No. 43 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

*Published by Authority.*

LAHORE, THURSDAY, OCTOBER 23, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 21st OCTOBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·90 in Hánsi. 0·30 in Fatahabad. 0·20 in Barwála. | Sufficient. | Stationary. | ... | Rain much needed. |
| 2 | Delhi ... | ... | ... | Do. | ... | Cultivation progressing. |
| 3 | Umballa ... | ... | ... | Do. | Harvesting in progress. | ... |
| 4 | Jullundur ... | ... | Sufficient. | Do. | Reaping commenced. | Sowings in progress. |
| 5 | Ferozepore ... | ... | ... | Do. | Crops suffering for want of rain. | ... |
| 6 | Amritsar ... | 0·10 at Sadr. | Sufficient. | Do. | Prospect very fair. | Prospect good. |
| 7 | Siálkot ... | ... | Do. | Do. | Cutting continued. | Sowings in progress. |
| 8 | Lahore ... | ... | Do. | Do. | Standing crops on chahi and nahri lands good, but baráni crops are withering for want of rain. | Ditto. |
| 9 | Mooltan ... | ... | ... | Do. | All canals dry except Sidhnai. Crops generally good. | Ploughings commenced. |
| 10 | Ráwalpindi ... | 1·00 in Murree. 0·04 in Gujar Khan. | Sufficient. | Falling. | Outturn average. | ... |
| 11 | Shahpur ... | ... | Do. | Stationary. | Expected outturn of crops below average. | Wheat sowings in progress. |
| 12 | D. I. Khan ... | ... | Average. | Do. | Reapings in progress. Locusts causing some damage to the crops in Kuláchi Tahsil. | Sowings going on. |
| 13 | Peshávar ... | Raining. | Sufficient. | Do. | Condition of crops average. | ... |

### *GENERAL REMARKS.*

Rain has fallen in Hissar, Amritsar, Ráwalpindi and Pesháwar. Prices stationary in all districts except Ráwalpindi, where they are falling. Harvesting of kharif crops in progress. Ploughings and sowings of rabi crops going on. More rain wanted in Hissar. Condition of crops is reported good to average. Outturn of kharif crops is said to be an average one. Locusts causing some damage to the crops in Kuláchi Tahsil, Dera Ismail Khan District. Fodder average in Dera Ismail Khan and sufficient elsewhere.

PESTONJI, *Supdt.*

## RAIN RETURNS, PUNJAB.

### WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Week ending 5th October 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 29th. | Tuesday 30th. | Wednesday 1st. | Thursday 2nd. | Friday 3rd. | Saturday 4th. | Sunday 5th. | Total. | Special Remarks. |
| Simla. | Kilba ... | ... | ... | 0·45 | ... | 0·02 | ... | ... | ... | 0·47 | |

### Weekly Rainfall Report for the week ending 12th October 1890.

Memo.—There has been no rain of importance. Every return received is blank, except the following stations :—

| | | | | Inches. |
|---|---|---|---|---|
| Bhiwáni | ( Hissar District ) | on 11th October 1890 | ... | 0·04 |
| Plách | ( Kángra District ) | ditto ditto | ... | 0·02 |
| Pálampur | ( Ditto ) | on 12th ditto | ... | 0·02 |
| Garshankar | ( Hoshiárpur District ) | ditto ditto | ... | 0·21 |
| Ráwalpindi | ( Ráwalpindi District ) | ditto ditto | ... | 0·08 |
| Murree | ( Ditto ) | ditto ditto | ... | 0·20 |
| Mansahra | ( Hazára District ) | on 6th ditto | ... | 0·06 |

Slight rain has fallen in Pálampur (Kángra District) on the 10th October 1890.

Deputy Commissioner, Ludhiána, reports that a swarm of locusts passed through Ludhiána on the evening of the 11th instant, but did not alight. The direction of flight was from north to south.

Deputy Commissioner, Gujrát, reports that the kharíf crops are being harvested ; sowings of rabi crops in progress.

Deputy Commissioner, Gujránwála, reports that the rain is much needed. Kharíf crop is said to be equal to the average.

Returns not received from Simla and Jhelum Districts.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 27th SEPTEMBER 1890.

| No | Districts. | Towns | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 14 | 10 | 24 | 10 | 5 | 5 | ... | ... | 4 | 1 | ... | 5 | 1 | 2 | 3 | 88 | 37 |
| 2 | | Hansi ... | 12,656 | 2 | 9 | 11 | 13 | 9 | 4 | ... | ... | 10 | ... | ... | 3 | 4 | 1 | 5 | 45 | 54 |
| 3 | | Bhiwani ... | 33,762 | 22 | 15 | 37 | 56 | 23 | 33 | ... | ... | 26 | 3 | ... | 27 | 7 | 6 | 13 | 57 | 86 |
| 4 | | Sirsa ... | 12,292 | 7 | 5 | 12 | 11 | 6 | 5 | ... | ... | 10 | ... | ... | 1 | 1 | 1 | 2 | 51 | 47 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 6 | 8 | 14 | 14 | 8 | 6 | ... | ... | 8 | ... | ... | 6 | 2 | 2 | 4 | 46 | 46 |
| 6 | | Jhajjar ... | 11,650 | 8 | 4 | 12 | 7 | 2 | 5 | ... | ... | 4 | ... | ... | 3 | 2 | 2 | 4 | 54 | 31 |
| 7 | Gurgaon ... | Rewari ... | 24.445 | 15 | 5 | 20 | 27 | 9 | 18 | ... | ... | 11 | 8 | ... | 8 | 3 | 6 | 9 | 43 | 57 |
| 8 | | Palwal ... | 10,635 | 4 | 11 | 15 | 13 | 9 | 4 | ... | ... | 4 | 3 | ... | 6 | 4 | 2 | 6 | 74 | 64 |
| 9 | Delhi ... | Delhi ... | 117,363 | 82 | 61 | 143 | 168 | 70 | 98 | ... | ... | 117 | 5 | 2 | 44 | 22 | 33 | 55 | 64 | 75 |
| 10 | | " Suburbs ... | 52,882 | 27 | 14 | 41 | 43 | 23 | 20 | ... | ... | 30 | 4 | ... | 9 | 4 | 2 | 6 | 40 | 42 |
| 11 | | Sonepat ... | 13.077 | 4 | 4 | 8 | 18 | 9 | 9 | ... | ... | 17 | 1 | ... | ... | ... | 2 | 2 | 32 | 72 |
| 12 | Karnal ... | Karnal ... | 23,133 | 18 | 11 | 29 | 32 | 20 | 12 | ... | 1 | 20 | 3 | ... | 8 | 8 | 3 | 11 | 65 | 72 |
| 13 | | Kaithal ... | 14,754 | 7 | 4 | 11 | 23 | 9 | 14 | ... | ... | 14 | 2 | ... | 7 | 2 | 3 | 5 | 39 | 81 |
| 14 | | Panipat ... | 26,572 | 10 | 9 | 19 | 53 | 30 | 23 | ... | 1 | 31 | 4 | ... | 17 | 9 | 10 | 19 | 37 | 104 |
| 15 | Umballa ... | Umballa ... | 26,777 | 13 | 15 | 28 | 114 | 51 | 63 | ... | 1 | 84 | 14 | ... | 15 | 4 | 6 | 10 | 55 | 222 |
| 16 | | Jagadhri ... | 12,300 | 4 | 5 | 9 | 13 | 8 | 5 | 3 | ... | 2 | 2 | ... | 6 | 2 | 1 | 3 | 38 | 65 |
| 17 | | Shahabad ... | 10,218 | 2 | 3 | 5 | 16 | 9 | 7 | 1 | .. | 6 | 4 | ... | 5 | 1 | ... | 1 | 26 | 82 |
| 18 | | Sadhaura ... | 10,794 | 6 | 3 | 9 | 8 | 5 | 3 | ... | ... | 1 | ... | ... | 7 | 3 | 1 | 4 | 43 | 39 |
| 19 | | Rupar ... | 10,326 | 5 | 2 | 7 | 13 | 7 | 6 | ... | ... | 10 | 2 | ... | 1 | 1 | 1 | 2 | 35 | 66 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 10 | 6 | 16 | 20 | 7 | 13 | ... | ... | 12 | 5 | 1 | 2 | 4 | 8 | 12 | 63 | 79 |
| 21 | | Tanda and Urmar ... | 10,295 | 7 | 6 | 13 | 13 | 7 | 6 | ... | ... | 7 | 3 | ... | 3 | 3 | 5 | 8 | 66 | 66 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 20 | 21 | 41 | 32 | 16 | 16 | ... | ... | 14 | 5 | ... | 13 | 8 | 2 | 10 | 69 | 54 |
| 23 | | " Suburbs ... | 11,474 | 8 | 6 | 14 | 13 | 8 | 5 | ... | ... | 8 | 1 | ... | 4 | 2 | ... | 2 | 64 | 59 |
| 24 | | Rahon ... | 11,736 | 6 | 7 | 13 | 23 | 8 | 15 | ... | ... | 22 | 1 | ... | ... | 2 | 5 | 7 | 68 | 102 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 34 | 18 | 52 | 58 | 26 | 32 | ... | ... | 47 | 3 | 1 | 7 | 9 | 12 | 21 | 61 | 68 |
| 26 | | Jagraon ... | 16,873 | 13 | 8 | 21 | 24 | 8 | 16 | ... | ... | 16 | 1 | ... | 7 | 3 | 3 | 6 | 65 | 74 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 12 | 10 | 22 | 37 | 11 | 26 | ... | ... | 31 | 5 | ... | 1 | ... | 8 | 8 | 55 | 92 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 19 | 18 | 37 | 25 | 18 | 7 | ... | ... | 10 | 4 | ... | 11 | 5 | 4 | 9 | 61 | 41 |
| 29 | | " Suburbs ... | 25,593 | 20 | 17 | 37 | 32 | 18 | 14 | ... | ... | 16 | 3 | ... | 13 | 7 | 5 | 12 | 75 | 65 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 7 | 8 | 15 | 20 | 10 | 10 | ... | ... | 9 | 2 | ... | 9 | 5 | 5 | 10 | 62 | 83 |
| 31 | | Chiniot ... | 11,191 | 4 | 7 | 11 | 18 | 7 | 11 | ... | ... | 12 | 1 | ... | 5 | 2 | 5 | 7 | 51 | 84 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 60 | 48 | 108 | 182 | 90 | 92 | ... | ... | 157 | 2 | ... | 23 | 21 | 22 | 43 | 58 | 98 |
| 33 | | " Suburbs ... | 41,670 | 8 | 12 | 20 | 39 | 22 | 17 | 1 | ... | 25 | 1 | ... | 12 | 2 | 3 | 5 | 25 | 49 |
| 34 | | Kasur ... | 17,336 | 14 | 13 | 27 | 48 | 23 | 25 | ... | ... | 43 | 2 | ... | 3 | 5 | 5 | 10 | 81 | 144 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 77 | 66 | 143 | 302 | 141 | 161 | ... | ... | 209 | 14 | 1 | 78 | 36 | 52 | 88 | 52 | 109 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 13 | 9 | 22 | 40 | 18 | 22 | ... | ... | 33 | ... | ... | 7 | 2 | 2 | 4 | 47 | 86 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 20 | 15 | 35 | 60 | 25 | 35 | ... | ... | 46 | 2 | 2 | 10 | 3 | 5 | 8 | 54 | 92 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 12 | 12 | 24 | 217 | 97 | 120 | ... | ... | 212 | 1 | ... | 4 | 16 | 10 | 26 | 67 | 604 |
| 39 | | Jalalpur ... | 12,839 | 10 | 9 | 19 | 62 | 20 | 42 | ... | ... | 54 | 2 | ... | 6 | 1 | 9 | 10 | 77 | 252 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 13 | 11 | 24 | 105 | 61 | 44 | 1 | ... | 83 | 8 | ... | 13 | 13 | 6 | 19 | 55 | 239 |
| 41 | | Wazirabad ... | 16,462 | 12 | 11 | 23 | 93 | 52 | 41 | ... | ... | 75 | 4 | ... | 14 | 12 | 17 | 29 | 73 | 295 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 16 | 10 | 26 | 26 | 12 | 14 | ... | ... | 18 | ... | ... | 8 | 2 | 4 | 6 | 89 | 89 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 9 | 8 | 17 | 22 | 10 | 12 | ... | ... | 15 | 1 | ... | 6 | 3 | 5 | 8 | 53 | 69 |
| 44 | | Pind Dadan Khan ... | 16,724 | 7 | 5 | 12 | 12 | 7 | 5 | ... | ... | 10 | 1 | ... | 1 | 3 | 1 | 4 | 37 | 37 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 14 | 12 | 26 | 35 | 21 | 14 | ... | ... | 25 | 4 | ... | 6 | 8 | 3 | 11 | 49 | 66 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 31 | 27 | 58 | 29 | 10 | 19 | ... | ... | 17 | 1 | ... | 11 | 2 | 3 | 5 | 51 | 26 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 3 | 7 | 4 | 2 | 2 | ... | ... | 1 | ... | ... | 3 | 1 | 1 | 2 | 27 | 15 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 11 | 10 | 21 | 18 | 9 | 9 | ... | ... | 9 | 3 | ... | 6 | 6 | 3 | 9 | 58 | 49 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 17 | 11 | 28 | 16 | 3 | 13 | ... | ... | 10 | 1 | ... | 5 | 2 | 2 | 4 | 74 | 42 |
| | Birth and death rate of London for the week ending 6th September 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·1 | 17·9 |
| | | Grand Total ... | 1,311,790 | 764 | 622 | 1,386 | 2,277 | 1079 | 1198 | 6 | 3 | 1,655 | 137 | 7 | 469 | 268 | 299 | 567 | 55 | 91 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... | 12,305 | 10 | 7 | 17 | 18 | 11 | 7 | ... | 1 | 15 | ... | ... | 2 | 2 | ... | 2 | 72 | 76 |
| | Dharmsala ... | ... | 3,839 | ... | 2 | 2 | 3 | 2 | 1 | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | 27 | 41 |
| | Dalhousie ... | ... | 870 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... |
| | Murree ... | ... | 2,489 | 1 | ... | 1 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 21 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 18th October 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 27th September 1890.*

*General Results.*—The return is incomplete, the registers for the district of Muzaffargarh not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 37,261 against 31,358 in the previous week and 14,146 in the corresponding week of the past year, giving respectively an annual death-rate of 105·0, 88·4 and 39·9 per 1,000 of population. The registered death-rate was 16·6 per 1,000 higher than the excessively high rate recorded last week and was as much as 67·2 per 1,000 higher than the average rate of the corresponding week of the five years 1885—89.

*Cholera.*—There were 163 deaths registered under the head of cholera against 280 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Rohtak ... ... | Kharkhauda Town ... ... | 2 |
| Do. ... ... | Rural Circle ... ... ... | 6 |
| Delhi ... ... | Faridabad Town ... ... | 2 |
| Do. ... ... | Rural Circles ... ... ... | 11 |
| Umballa ... ... | Jagadhri Town ... ... ... | 3 |
| Do. ... ... | Shahabad Town... ... ... | 1 |
| Do. ... ... | Rural Circles ... ... ... | 130 |
| Jullundur ... ... | Phillour Town ... ... ... | 1 |
| Lahore ... ... | Lahore Suburbs... ... ... | 1 |
| Do ... ... | Rural Circle ... ... ... | 3 |
| Gurdaspur ... ... | Rural Circle ... ... ... | 1 |
| Sialkot ... ... | Rural Circle ... ... ... | 1 |
| Gujranwala ... ... | Gujranwala Town ... ... | 1 |
| | Total ... | 163 |

*Small-pox.*—From small-pox 59 deaths were registered against 56 in the previous week and 38 in the corresponding week of the past year.

*Fevers.*—From fevers there were 31,785 deaths against 26,017 in the previous week and 10,436 in the corresponding week of the past year. There were 5,768 more deaths registered from fevers than the very large number recorded last week, the greatest increase having occurred in the three districts of Sialkot, Gujrat and Gujranwala. The recorded mortality from this cause in the three districts above named was at the excessively high annual rates of 306, 267 and 261 per 1,000 respectively.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 635 deaths against 669 in the previous week and 518 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Six hundred and seventy-six against 728 and 545.

*Snake-bite.*—Thirty-two against 27 and 39.

*Hydrophobia.*—Two against *nil* and 5.

*All other causes.*—Three thousand nine hundred and nine against 3,581 in the previous week and 2,489 in the corresponding week of the past year.

*Infantile mortality.*—Eight thousand four hundred and fifty-seven deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 4,354 were males and 4,103 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 2,277 deaths were registered (1,079 males and 1,198 females), giving a death-rate of 91 per mille of population ; 1,386 births were registered (764 males and 622 females), giving a birth-rate of 55 per mille of population. The mortality registered in the 49 large municipal towns though exceedingly high was 14·5 per 1,000 lower than the rate recorded in the Province as a whole. The ratios recorded in the towns of Wazirabad, Jalalpur, Gujranwala and Umballa were 295, 252, 239 and 222 per 1,000 respectively, and in the town of Gujrat the mortality was at the enormous annual rate of 604 per 1,000.

LAHORE :<br>*The* 18*th October* 1890.

A. STEPHEN, SURGEON-MAJOR,<br>*Sanitary Commissioner, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Kharif*

| Canal Division. | Water distributed during September 1890. Depth in Canal at regulating gauge. Full supply. | Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| PERENNIAL CANALS. | | | | |
| SWAT RIVER CANAL ... | 6·5 | 5·8 | 720 | 715 |
| Total Swat River Canal ... | ... | ... | 720 | 715 |
| Corresponding period of last year ... | ... | ... | 720 | 613 |
| WESTERN JUMNA CANAL. | | | | |
| At Dádúpur ... | 4·33 | 4·3 | 2,557 | 2,523 |
| Main Line Rájbahas ... | ... | ... | ... | 210 |
| Hánsi Branch ... | ... | ... | ... | 1,185 |
| Delhi Branch ... | ... | ... | ... | 660 |
| Passed through Escapes ... | ... | ... | ... | 468 |
| Loss by absorption ... | ... | ... | ... | |
| Total Western Jumna Canal ... | ... | ... | 2,557 | 2,523 |
| Corresponding period of last year ... | ... | ... | 2,546 | 2,494 |
| BARI DOAB CANAL. | | | | |
| 1st Division ... | 4·9 | 5·45 | 3,074 | 1,686 |
| 2nd " Main Branch Lower ... | 4·6 | 3·43 | | 411 |
| 3rd " " " " ... | | | | 1,361 |
| 2nd " Lahore Branch ... | 3·35 | 3·36 | | 808 |
| Passed through Escapes ... | ... | ... | ... | 17 |
| Total Bári Doáb Canal ... | ... | ... | 3,074 | 4,283 |
| Corresponding period of last year ... | ... | ... | 3,074 | 4,058 |
| SIRHIND CANAL. | | | | |
| Main Line ... | 7·6 | 8·63 | 4,500 | 5,550 |
| Abohar Branch ... | 5·26 | 6·07 | 1,530 | 2,134 |
| Bhatinda Branch ... | 6·08 | 5·88 | 1,350 | 1,442 |
| Feeders ... | 6·73 | 7·23 | 1,620 | 1,974 |
| British Escapes ... | ... | ... | ... | ... |
| Total Sirhind Canal ... | ... | ... | 4,500 | 5,550 |
| Corresponding period of last year ... | ... | ... | 4,500 | 3,756 |
| CHENAB CANAL... | 7·0 | 2·17 | 1,800 | 261·5 |
| Corresponding period of last year ... | ... | ... | 1,800 | 268 |
| *Total Perennial Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890 *up to 30th September* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| | | | | | Sugar-cane ... | 1,018 | The area is really in excess of last year. The measurements are in hand. The rainfall ceased in middle of August and since then the demand was strong. |
| | | | | | Rice ... | 3,786 | |
| | | | | | Cotton ... | 4,434 | |
| Peshāwar ... | 21,465 | 10 | 2·04 | 0·05 | Others ... | 8,965 | |
| | | | | | Miscellaneous | 3,262 | |
| ... | 21,465 | ... | ... | ... | ... | 21.465 | |
| ... | 22,754 | ... | ... | ... | ... | 22,754 | |
| Umballa ... | 1,685 | 20 | 4·7 | ... | Sugar-cane .. | 51,647 | Demand very strong throughout the month, especially in the Hissar District. |
| Kalsia ... | 1,065 | | ... | ... | Rice ... | 34,993 | |
| Karnál ... | 37.417 | | 4·0 | 0·94 | Cotton ... | 50,859 | |
| Rohtak ... | 45,180 | | 3·4 | ... | Indigo ... | 10,385 | |
| Delhi ... | 39,736 | | 4 7 | ... | Others .. | 15,881 | |
| Hissar ... | 38,488 | | 2·0 | ... | | | |
| Bikaner ... | 194 | | ... | ... | | | |
| ... | 163,765 | ... | ... | ... | ... | 163,765 | |
| ... | 148,888 | ... | ... | ... | ... | 148,888 | |
| Gurdáspur ... | 24.712 | 26 | 3·58 | 0·60 | Sugar-cane ... | 13,399 | The canal ran throughout the month and the supply was the best on record by 225 cubic feet per second, but still unequal to the demand. Compared with the corresponding period of last year, there is an increase of 12,431 acres under rice and 12,221 acres under cotton, but a decrease of 3,179 acres under sugar-cane and of 13,648 acres under "others," the net result being an increase of 7,825 acres and a small decrease of 827 as compared with "the best on record" (1888-89). A considerable area of late irrigation is being registered now. |
| Amritsar ... | 75,144 | 23 | 3·51 | 0·60 | Rice ... | 38,035 | |
| Lahore ... | 102,743 | 23 | 3·16 | ... | Cotton ... | 35,405 | |
| | | | | | Others .. | 115,760 | |
| ... | 202,599 | ... | ... | ... | ... | 202,599 | |
| .. | 194,774 | ... | ... | ... | ... | 194,774 | |
| Ludhiána ... | 14,664 | 8 | 5·6 | ... | Sugar-cane ... | 1,054 | The demand was very strong throughout the month and the supplies in Main Canal and all branches considerably heavier than have ever been passed down before. |
| Ferozepore ... | 85,588 | | 4·3 | 0·22 | Rice ... | 13 | |
| Hissar ... | 1,396 | ... | ... | ... | Cotton ... | 14,090 | |
| Farídkot ... | 10,371 | ... | ... | ... | Indigo ... | 40 | |
| Patiála ... | 15,348 | ... | ... | ... | Others ... | 117,783 | |
| Nábha ... | 4,714 | ... | ... | ... | | | |
| Jínd ... | 308 | ... | ... | ... | | | |
| Kalsia ... | 591 | ... | ... | ... | | | |
| ... | 132,980 | ... | .. | ... | ... | 132,980 | |
| ... | 91,429 | ... | ... | ... | ... | 91,429 | |
| | | | | | Sugar-cane ... | 1,403 | The canal was re-opened on the 3rd September, but after the 12th the supply was small. The demand was great, and remissions will have to be granted over a considerable area. |
| Gujránwála ... | 32,854 | 5 | 0·43 | 0·2 | Rice .. | 10,473 | |
| | | | | | Cotton ... | 6,272 | |
| | | | | | Others ... | 3,609 | |
| | | | | | Miscellaneous | 11,097 | |
| | | | | | | 32,854 | |
| ... | 24,077 | ... | ... | ... | ... | 24,077 | |
| ... | 553,663 | ... | ... | ... | ... | 553,663 | |
| ... | 481,922 | ... | ... | ... | ... | 481,922 | |

*Irrigation Operations of Fasl Kharif*

| Canal Division. | | Water distributed during September 1890. | | | |
|---|---|---|---|---|---|
| | | *Depth in Canal at regulating gauge.* | | *Gross consumption, cubic feet per second.* | |
| | | Full supply. | Actual throughout. | Estimated full supply. | Actual average throughout. |
| **INUNDATION CANALS.** | | | | | |
| Lower Sohag Canal ... ... ... ... | ... | ... | ... | ... | ... |
| Corresponding period of last year | ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... | ... | 6 | 4·35 | 1,072 | 977 |
| Corresponding period of last year | ... | ... | ... | 1,072 | 440 |
| Upper Sutlej Canals ... ... ... ... | ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... | .. | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... | ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... | ... | ... | ... | ... | ... |
| *Total Inundation Canals* | ... | ... | ... | ... | ... |
| *Corresponding period of last year* | ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | | |
| Perennial Canals. | | | | | |
| Swat River Canal ... ... ... ... | ... | ... | ... | ... | ... |
| Western Jumna Canal ... ... ... ... | ... | ... | ... | ... | ... |
| Bári Doáb Canal ... ... ... ... | ... | ... | ... | ... | ... |
| Sirhind Canal ... ... ... ... ... | ... | ... | ... | ... | ... |
| Chenab Canal ... ... ... ... ... | ... | ... | ... | ... | ... |
| Total Perennial Canals | ... | ... | ... | ... | ... |
| Inundation Canals. | | | | | |
| Lower Sohág Canal ... ... ... ... | ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... | ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... | ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... | ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... | ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... | ... | ... | ... | ... | ... |
| Total Inundation Canals | ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals | ... | ... | ... | ... | ... |
| Corresponding period of last year | ... | ... | ... | ... | ... |

Lahore:
*The 18th October 1890.*

*of* 1890 *up to* 30*th September* 1890—concluded.

| LAND IRRIGATED (APPROXIMATE). | | RAINFALL. | | | CHIEF CROPS (APPROXIMATE). | | REMARKS. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Montgomery ... | 38,041 | ... | ... | ... | ... | 38,041 | Decrease of 655 acres only, due to low supply. |
| ... | 38,696 | ... | ... | ... | ... | 38,696 | |
| Mooltan ... | 62,135 | ... | ... | ... | Sugar-cane ...<br>Rice ...<br>Cotton ...<br>Indigo ...<br>Others ... | 42<br>1,265<br>5,950<br>332<br>54,546<br>62,135 | There is an increase of 4,563 acres on the Sidhnai Canal as compared with last year. Adding the irrigation of the Koranga and Fazal Shah Canals noted below there is a total increase of 5,429 acres. The crops are in good condition:—<br>Koranga Canal ... 736 acres<br>Fazal Shah Canal 130 " |
| ... | 56,706 | ... | ... | ... | ... | 56,706 | |
| Lahore ... | 15,123 | 20 | 2·42 | ... | ... | 15,123 | |
| Montgomery... | 59,459 | ... | ... | ... | ... | 59,459 | |
| Mooltan ... | 240,128 | 26 | 0·86 | ... | ... | 240,128 | |
| Dera Ghâzi Khan | 125.312 | 10 | 0·38 | ... | ... | 125,312 | On the Inundation Canals there is a decrease of 56,705 acres as compared with the corresponding period of the preceding year. |
| Muzaffargarh ... | 154,359 | ... | ... | ... | ... | 154,359 | |
| ... | 694,557 | ... | ... | ... | ... | 694,557 | |
| ... | 751,262 | ... | ... | ... | ... | 751,262 | |
| ... | 21,465 | ... | ... | ... | ... | 21,465 | |
| ... | 163,765 | ... | ... | ... | ... | 163,765 | |
| ... | 202,599 | ... | ... | ... | ... | 202,599 | |
| ... | 132,980 | ... | ... | ... | ... | 132,980 | |
| ... | 32,854 | ... | ... | ... | ... | 32,854 | |
| ... | 553,663 | ... | ... | ... | ... | 553,663 | |
| ... | 38,041 | ... | ... | ... | ... | 38.041 | |
| ... | 62,135 | ... | ... | ... | ... | 62,135 | |
| ... | 74,582 | ... | ... | ... | ... | 74,582 | |
| ... | 240,128 | ... | ... | ... | ... | 240,128 | |
| ... | 125,312 | ... | ... | ... | ... | 125,312 | |
| ... | 154,359 | ... | ... | ... | ... | 154,359 | |
| ... | 694,557 | ... | ... | ... | ... | 694,557 | |
| ... | 1,248,220 | ... | ... | ... | ... | 1,248,220 | |
| ... | 1,233,184 | ... | ... | ... | ... | 1,233,184 | |

J. BRABSON,

*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF AUGUST 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| August 1890 ... ... ... | 4,704 | 775 | 845 | 17,680 | 5,805 | |
| August 1889 ... ... ... | 5,462 | 936 | 1,020 | 20,768 | 5,556 | |
| Difference ... ... | — 758 | — 161 | — 175 | — 3,088 | + 249 | |
| First 5 months of 1890-91... ... | 31,031 | 4,633 | 4,432 | 1,13,140 | 31,598 | |
| First 5 months of 1889-90... ... | 29,534 | 4,778 | 4,445 | 1,09,160 | 32,690 | |
| Difference ... ... | + 1,497 | — 145 | — 13 | + 3,980 | — 1,092 | |

Office of Inspector-General of Registration, Punjab,
Lahore:
*The 17th October* 1890.

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—23-10-90—690.

No. 43 of 1890.

# SUPPLEMENT TO THE Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 30, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 28th OCTOBER 1890.

| No. | Reporting Station | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | 0·22 in Bhiwani. | Sufficient. | Stationary. | ... | Rain urgently wanted. |
| 2 | Delhi ... | 0·02 in Ballabgarh. | ... | Fluctuating. | ... | Cultivation progressing. |
| 3 | Umballa ... | 0·29 | ... | Stationary. | Harvesting going on. | Sowings commenced. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | Outturn average. | Sowings in progress. |
| 5 | Ferozepore ... | Slight rainfall. | Do. | Do. | ... | ... |
| 6 | Amritsar ... | 0·63 average. | Do. | Do. | Harvesting in progress. Makki and jowár slightly damaged by blight. | Sowings going on. |
| 7 | Siálkot ... | Rain throughout except Raya. | Do. | Do. | Crops being cut. | Sowings in progress. |
| 8 | Lahore ... | ... | Do. | Do. | Reaping in progress. Crops on chahi and nahri lands good. | Ditto. |
| 9 | Mooltan ... | ... | ... | Do. | Crops generally good, | Ploughings in progress. |
| 10 | Ráwalpindi ... | 0·45 at Ráwalpindi. 0·34 in Kahúta. 0·56 in Gujarkhan. 1·20 in Murree. 1·10 in Attock. | Sufficient. | Do. | ... | Being sown. |
| 11 | Shahpur ... | Rainfall in Bhera and Shahpur. | Do. | Do. | Outturn below average. Locusts appeared in parts of Tahsil Khushâb and caused little damage. | Sowings in progress. |
| 12 | D. I. Khan ... | ... | Average. | Rising. | Reapings in progress. | Sowings going on. |
| 13 | Peshâwar ... | ... | Insufficient. | Stationary. | ... | Barley sowings in progress. Prospects fair except in Chakla Bara. |

*GENERAL REMARKS.*

Rain has fallen in all districts except Jullundur, Lahore, Mooltan, Dera Ismail Khan and Peshâwar. Prices unsettled in Delhi, rising in Dera Ismail Khan, and stationary elsewhere. Harvesting of kharif crops in progress. Sowings of rabi going on. Rain urgently wanted in Hissar. Outturn is reported to be an average one. Makki and jowár slightly damaged by blight in Amritsar. Locusts appeared in Khushâb (District Shahpur) and caused some damage to crops. Fodder sufficient in all districts except Peshâwar.

PESTONJI, *Supdt.*,

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING SEPTEMBER 1890.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, September 1890. | Normal direction and force, September | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | Humidity. | Vapour tension. | Amount of cloud 10=overcast. |
| Delhi ... | 29·682 | — ·010 | N. 63° W. 2 | N. 32° W. 4 | 80·4 | 93·7 | + 0·8 | 76·8 | + 0·1 | + 0·5 | 68 | ·691 | 4 |
| Sirsa ... | 29·684 | + ·002 | S. 54° W. 7 | N. 79° W. 4 | 82·7 | 101·1 | + 2·9 | 75·0 | + 0·2 | + 1·6 | 64 | ·719 | 1 |
| Ludhiána ... | 29·687 | — ·009 | S. 60° W. 2 | N. 40° W. 1 | 81·7 | 97·6 | + 2·6 | 73·9 | — 1·1 | + 0·8 | 99 | ·698 | 2 |
| Lahore ... | 29·680 | + ·001 | S. 43° E. 2 | N. 60° E. 2 | 81·1 | 97·8 | + 0·8 | 72·0 | — 1·8 | — 0·5 | 65 | ·681 | 1 |
| Montgomery ... | 29·669 | ? | S. 6° W. 7 | ? | 85·7 | 103·1 | ? | 75·3 | ? | ? | 53 | ·652 | 1 |
| Siálkot ... | 29·680 | 0 | N. 84° E. ... | N. 39° E. 2 | 80·5 | 91·4 | — 1·2 | 70·8 | — 2·4 | — 1·8 | 68 | ·713 | 2 |
| Ráwalpindi ... | 29·682 | — ·007 | N. 22° W. 2 | S. 40° E. 1 | 75·8 | 93·0 | — 0·6 | 67·7 | — 1·0 | — 0·8 | 67 | ·607 | 1 |
| Peshávar ... | 29·677 | + ·003 | N. 43° W. 3 | N. 41° E. 3 | 79·1 | 97·5 | + 1·9 | 69·8 | — 0·2 | + 0·9 | 57 | ·573 | 0 |
| Dera Ismail Khan ... | 29·662 | — ·008 | N. 53° E. 2 | S. 88° E. 2 | 79·9 | 101·7 | + 1·1 | 74·2 | — 0·9 | + 0·1 | 61 | ·632 | 1 |
| Mooltan ... | 29·663 | + ·004 | S. 2° E. 1 | S. 32° W. 3 | 83·4 | 102·1 | + 2·7 | 76·8 | — 0·5 | + 1·1 | 63 | ·710 | 0 |
| Simla ... | 23·042 | — ·011 | N. 75° E. ... | S. 78° W. 2 | 60·4 | 68·9 | — 2·4 | 55·6 | — 1·6 | — 2·0 | 75 | ·398 | 2 |
| Murree ... | 23·828 | + ·003 | N. 45° W. 5 | S. 52° E. 5 | 63·2 | 73·9 | — 0·2 | 56·2 | — 2·9 | — 1·6 | 58 | ·344 | 2 |

The weather was exceptionally fine over this Province during the month of September. In normal years the summer monsoon continues to blow into the Punjab, giving more or less rain until quite the middle of the month, and occasionally North-Western India is visited by a cyclonic storm formed over the Bay and travelling into Upper India, which gives heavy rainfall. In the present case there was an almost complete cessation of rainfall from the very commencement of the month, and though towards the close, owing to the advance of a large shallow depression from the Bay to the central parts of India, there occurred another incursion of monsoon winds, the resultant rainfall was limited in extent, being confined to the districts along the foot of the hills and to the hills themselves. The mail steamers which crossed from Aden to Bombay had light monsoon winds until quite the close of the month, and the winds on the west coast of India were very variable in direction. Hence it appears that the cessation of the rains in North-West India was due to a general weakness of the monsoon current.

On September 1st heavyish showers were reported from Siálkot and Dera Ismail Khan, and cloudy weather from the west of the Province ; but by the morning of the 2nd the sky was clear throughout the whole Province, and this weather, with light and rather variable winds, lasted till the 11th, when a disturbance in the hills occasioned showers at Murree, Ráwalpindi and Siálkot. On the 12th

conditions settled down again, and the weather remained very fine until the 16th or 17th, when, owing to a depression in north Madras, a south-easterly current from the Bay ran up the foot of the hills in Northern India and gave heavyish rain to Simla and Delhi and a moderate shower to Murree. Somewhat cloudy weather prevailed over the Punjab till the 21st, when the sky cleared. On the 23rd cloudy weather reappeared, and on the 24th rain was again reported from Delhi and Simla, and on the 25th and 26th showers were experienced over a large part of the Province. Scattered showers continued to fall till the end of the month, principally on and along the foot of the hills.

*Pressure.*—Showed very trifling departures from the normal average. There was a slight excess at Sirsa, Lahore, Pesháwar, Mooltan, and Murree, and a slight deficiency elsewhere. The winds were more northerly than usual in the north and north-west of the Province, and more southerly in the centre and south.

*Temperature.*—The variations from the normal average in the mean temperature have been somewhat irregular. On the hills, where there was an excess of rain or a preponderance of northerly winds, the weather was considerably cooler than usual. At the stations near the hills, as Ráwalpindi and Siálkot, there was a slight deficiency, but elsewhere, owing to the early cessation of the rains, the weather was on the whole warmer than normal. This excess of heat was due almost entirely to the height of the day temperatures, as the minimum readings were lower than usual almost throughout.

*Rain.*—The total rainfall of the month was excessive at Dera Ismail Khan owing to the heavy fall of 1·35″ reported on the 1st, and at Simla owing to the heavy falls between the 17th and 19th; but at all other stations the monthly rainfall was deficient. At Mooltan, Sirsa and Montgomery there was no rain throughout the month, at Pesháwar only 0·02″, at Lahore only 0·25″ and at Ludhiána only 0·41″. The heaviest fall was 8 inches at Simla.

The following table gives the rainfall data for the Punjab stations for September 1890 :—

| STATIONS. | Normal average rainfall in September. | Actual rainfall in September 1890. | Difference from the average in September 1890. |
|---|---|---|---|
| *Punjab, West.* | Inches. | Inches. | Inches. |
| Mooltan... ... ... ... ... ... | 0·37 | 0 | — 0·37 |
| Dera Ismail Khan ... ... ... ... ... | 0·32 | 1·35 | + 1·03 |
| Pesháwar ... ... ... ... ... | 0·78 | 0·02 | — 0·76 |
| Murree ... ... ... ... ... ... | 5·70 | 2·87 | — 2·83 |
| Ráwalpindi ... ... ... ... ... | 3·72 | 0·75 | — 2·97 |
| Siálkot ... ... ... ... ... ... | 3·38 | 2·24 | — 1·14 |
| Lahore ... ... ... ... ... ... | 2·84 | 0·25 | — 2·59 |
| Montgomery ... ... ... ... ... | 0·95 | 0 | — 0·95 |
| *Punjab, East.* | | | |
| Ludhiána ... ... ... ... ... | 3·73 | 0·41 | — 3·32 |
| Simla ... ... ... ... ... ... | 5·83 | 8·04 | + 2·21 |
| Delhi ... ... ... ... ... ... | 4·59 | 2·23 | — 2·36 |
| Sirsa ... ... ... ... ... ... | 1·54 | 0 | — 1·54 |

Notwithstanding the general shortness of the September rains, the total rainfall of the whole monsoon period has not been affected to any great extent, the majority of stations in the Punjab still showing an excess, though less so than at the close of August. The following table shows the monthly progress of the rainfall during the past monsoon period as well as the relation of the total rainfall of the season to the normal rainfall of the same period :—

| STATIONS. | DIFFERENCE FROM NORMAL OF SEASON AT END OF | | | | (a) Normal rainfall, June to September. | (b) Actual rainfall, June to September 189[illegible]. | Percentage of (b) to (a). |
|---|---|---|---|---|---|---|---|
| | June. | July. | August. | September. | | | |
| Mooltan ... ... | + 0·16 | — 0·12 | + 0·73 | + 0·36 | 4·55 | 4·91 | 108 |
| Dera Ismail Khan ... | + 0·48 | — 0·36 | — 1·69 | — 0·66 | 4·99 | 4·33 | 87 |
| Pesháwar ... ... | — 0·47 | — 0·44 | — 0·32 | — 1·08 | 4·51 | 3·43 | 76 |
| Murree ... ... | 0 | + 2·71 | + 10·55 | + 7·72 | 31·93 | 39·65 | 124 |
| Ráwalpindi ... ... | — 0·49 | + 13·45 | + 19·86 | + 16·89 | 21·13 | 38·02 | 180 |
| Siálkot ... ... | + 1·53 | — 0·13 | + 21·66 | + 20·52 | 23·37 | 43·89 | 188 |
| Lahore ... ... | + 1·51 | + 6·21 | + 8·18 | + 5·59 | 16·66 | 22·25 | 134 |
| Ludhiána ... ... | + 1·50 | — 0·50 | — 1·67 | — 4·99 | 24·58 | 19·59 | 80 |
| Simla ... ... | + 1·77 | + 10·42 | + 15·02 | + 17·23 | 47·93 | 65·16 | 136 |
| Delhi ... ... | — 2·16 | + 2·61 | + 2·87 | + 0·51 | 26·22 | 26·73 | 102 |
| Sirsa ... ... | + 2·16 | + 4·87 | + 1·64 | + 0·10 | 11·73 | 11·83 | 101 |

SIMLA :

*The* 21*st October* 1890.

W. L. DALLAS,

*Meteorological Reporter to Government, Punjab.*

# RAIN RETURNS, PUNJAB.

Explanations.

Column 2.—The Gauges in use are indicated thus—
*S*—Symon's Improved.
Stations not thus marked, use the old Pattern Gauge.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Week ending* 12th *October* 1890. | | | | | | | | |
| District. | Rain-Gauge Station. | Date of fall last reported. | Monday 6th. | Tuesday 7th. | Wednesday 8th. | Thursday 9th. | Friday 10th. | Saturday 11th. | Sunday 12th. | Total. | Special Remarks. |
| Simla. | Kasauli *s* | 30th September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotkhai ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba *s* | 2nd October ... | ... | ... | ... | ... | 0·02 | 0·03 | ... | 0·05 | |

## Weekly Rain Report for the week ending 19th October 1890.

THERE has been no rain of importance. Every return received is blank, except the following stations :—

| | | | Inches. |
|---|---|---|---|
| Fatahabad | ( Hissar District ) | on 14th October 1890 ... | 0·22 |
| Pánipat | ( Karnál District ) | on 19th ditto ... | 0·40 |
| Karnál | ( Ditto ) | ditto ditto ... | 0·37 |
| Kaithal | ( Ditto ) | ditto ditto ... | 0·40 |
| Dádupur | ( Umballa District ) | ditto ditto ... | 0·30 |
| Kasauli | ( Simla District ) | ditto ditto ... | 0·07 |
| Plách | ( Kángra District ) | on 18th and 19th October 1890, 0·04 and 0·02 respectively ... | 0·06 |
| Ludhiána | ( Ludhiána District ) | on 19th October 1890 ... | 0·03 |
| Nathana | ( Ferozepore District ) | ditto ditto ... | 0·60 |
| Chunián | ( Lahore District ) | ditto ditto ... | 0·46 |
| Amritsar Sadr | ( Amritsar District ) | ditto ditto ... | 0·08 |
| Ajnála | ( Ditto ) | ditto ditto ... | 0·01 |
| Wazirabad | ( Gujránwála District ) | ditto ditto ... | 0·10 |
| Sadr Kacheri | ( Ditto ) | ditto ditto ... | 0·05 |
| Mánsahra | ( Hazára District ) | on 13th ditto ... | 0·04 |

Slight rain at Raniki (Umballa District), Pálampur (Kángra District), Jail Hospital (Amritsar District), on 19th October 1890, and in Abbott-abad (Hazára District) on 13th October 1890.

Thunder storm at Kohát on 19th October 1890.

Deputy Commissioner, Gujránwála, reports that the rain is much needed for rabi sowings on baráni lands. Fodder sufficient. Prices stationary. The kharif crop is estimated as not below the average.

Returns not received from Simla and Ráwalpindi Districts.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

### Memo. of Errors.

*For the week ending 28th September* 1890.

Against Nágar (Kángra District) insert in column 8, 0·10, and in column 11 *for* "0·40" *read* "0·50."

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 16 | 19 | 21 | 23 | 30 | ... | ... | ... | 10 | 10 | 9 | 20 | 20 | 24 | 20 | 19 | 22 |
| Rohtak ... | 17 | 17 | 17 | 20 | 20 | 23 | ... | ... | ... | 10 | 10 | 11 | 20 | 19 | 25 | 20 | 18 | 22 |
| Gurgaon ... | 17 | 17 | 17 | 20 | 20 | 28 | ... | ... | ... | 10 | 10 | 10 | 20 | 19 | 25 | 19 | 17 | 23 |
| Delhi ... | 16 | 16 | 17 | 19 | 19 | 23 | ... | ... | ... | 13 | 13 | 10 | 20 | 20 | 24 | 17 | 16 | 19 |
| Karnál ... | 18 | 17 | 16 | 21 | 22 | 25 | ... | ... | ... | 12 | 12 | 11 | 24 | 24 | 20 | 18 | 18 | 16 |
| Umballa ... | 18 | 17 | 20 | 20 | 22 | 24 | ... | ... | ... | 11 | 11 | 11 | 22 | 20 | 20 | 20 | 18 | 17 |
| Simla ... | 12 | 12 | 14 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 13 | 13 | 15 | 14 | 14 | 11 |
| Kángra ‖ ... | ... | 17 | 19 | ... | 25 | 28 | ... | ... | ... | ... | 13 | 12 | ... | 13 | 14 | ... | 10 | 10 |
| Hoshiárpur ... | 20 | 19 | 22 | 26 | 25 | 33 | ... | ... | ... | 10 | 10 | 10 | 26 | 24 | 28 | 20 | 20 | 20 |
| Jullundur ... | 20 | 20 | 21 | 25 | 24 | 32 | ... | ... | ... | 8 | 8 | 8 | 24 | 23 | 24 | 19 | 19 | 20 |
| Ludhiána ... | 19 | 19 | 21 | 22 | 25 | 40 | ... | ... | ... | 12 | 13 | 12 | 25 | 23 | 29 | 23 | 19 | 22 |
| Ferozepore ... | 19 | 19 | 20 | 25 | 25 | 36 | ... | ... | ... | 10 | 10 | 9 | 30 | 30 | 28 | 22 | 20 | 24 |
| Mooltan ... | 16 | 16 | 16 | 26 | 27 | 27 | ... | ... | ... | 12 | 12 | 10 | 25 | 24 | 27 | 22 | 22 | 19 |
| Jhang ... | 17 | 17 | 20 | 26 | 26 | 32 | ... | ... | ... | 9 | 8 | 9 | 20 | 20 | 22 | 16 | 16 | 17 |
| Montgomery ‖ | ... | 18 | 19 | ... | 24 | 25 | ... | ... | ... | ... | 10 | 9 | ... | 16 | 20 | ... | 16 | 15 |
| Lahore ... | 18 | 18 | 19 | 26 | 26 | 35 | ... | ... | ... | 11 | 10 | 11 | 27 | 24 | 29 | 20 | 20 | 16 |
| Amritsar ... | 19 | 19 | 21 | 25 | 26 | 31 | ... | ... | ... | 12 | 12 | 11 | 25 | 25 | 25 | 18 | 17 | 16 |
| Gurdáspur ... | 20 | 20 | 22 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 26 | 26 | 24 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 22 | 26 | 28 | 36 | ... | ... | ... | 13 | 13 | 13 | 30 | 30 | 29 | 25 | 23 | 25 |
| Gujrát ... | 21 | 23 | 22 | 22 | 35 | 35 | ... | ... | ... | 11 | 11 | 11 | 26 | 27 | 30 | 24 | 25 | 28 |
| Gujránwála ... | 20 | 20 | 21 | 31 | 31 | 40 | ... | ... | ... | 13 | 14 | 8 | 26 | 26 | 28 | 24 | 24 | 20 |
| Shahpur ... | 19 | 19 | 23 | 26 | 26 | 35 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 26 | 25 | 26 | 26 |
| Jhelum ... | 21 | 21 | 23 | 28 | 29 | 35 | ... | ... | ... | 10 | 10 | 10 | 28 | 24 | 30 | 28 | 24 | 30 |
| Ráwalpindi ... | 19 | 19 | 21 | 33 | 33 | 45 | ... | ... | ... | 9 | 9 | 7 | 40 | 40 | 40 | 30 | 30 | 24 |
| Hazára ... | 21 | 20 | 23 | 34 | 33 | 41 | ... | ... | ... | 11 | 11 | 10 | § | § | 16 | § | § | 14 |
| Peshávar ... | 18 | 18 | 22 | 31 | 32 | 48 | ... | ... | ... | 11 | 11 | 11 | 35 | 36 | 44 | 25 | 25 | 21 |
| Kohát ... | 20 | 22 | 22 | 34 | 35 | 47 | ... | ... | ... | 16 | 16 | 15 | 33 | 33 | ‡ | 33 | 33 | 32 |
| Bannu ... | 22 | 24 | 29 | 44 | 52 | 44 | ... | ... | ... | 13 | 13 | 14 | 53 | 55 | 33 | 35 | 35 | 33 |
| D. I. Khan ... | 20 | 20 | 21 | 31 | 31 | 37 | ... | ... | ... | 9 | 9 | 9 | 37 | 34 | 31 | 32 | 31 | 26 |
| D. G. Khan ... | 18 | 18 | 16 | 25 | 25 | 24 | ... | ... | ... | 8 | 8 | 8 | 25 | 25 | 23 | 25 | 25 | 23 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 26 | ... | ... | ... | 15 | 14 | 13 | 18 | 16 | 18 | 17 | 16 | 15 |

‡ Not sold.
§ Not procurable.
‖ Statement not received.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th OCTOBER 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 22 | 22 | 28 |
| † | † | † | 16 | 16 | 16 | 21 | 21 | 24 |
| † | † | † | † | † | † | 19 | 20 | 26 |
| † | † | † | 13 | 13 | 18 | 19 | 19 | 23 |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 21 | 25 |
| 20 | 20 | 20 | 10 | 8 | 8 | 21 | 21 | 28 |
| 17 | 17 | 22 | 10 | 10 | 8 | 15 | 15 | 19 |
| | | | | | | | | |
| ... | 21 | 26 | ... | 7 | 8 | ... | 16 | 24 |
| 12 | 12 | 13 | 20 | 20 | 24 | 21 | 22 | 30 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 22 | 28 |
| † | † | † | 20 | 17 | 21 | 23 | 26 | 30 |
| † | † | † | 20 | 20 | 20 | 24 | 24 | 30 |
| | | | | | | | | |
| † | † | † | 20 | 20 | 25 | 18 | 18 | 22 |
| 25 | 24 | 22 | 22 | 23 | 22 | 17 | 18 | 21 |
| ... | § | § | ... | 20 | 26 | ... | 22 | 25 |
| § | § | § | 23 | 23 | 22 | 23 | 22 | 30 |
| † | † | † | 23 | 24 | 23 | 22 | 22 | 30 |
| † | † | † | 12 | 12 | 12 | 20 | 21 | 27 |
| | | | | | | | | |
| 30 | § | 14 | 28 | 30 | 34 | 21 | 22 | 28 |
| † | † | † | 10 | 12 | 14 | 22 | 23 | 27 |
| † | † | § | 25 | 25 | 20 | 23 | 23 | 30 |
| 20 | 20 | 20 | 20 | 22 | 20 | 23 | 25 | 31 |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 20 | 21 | 28 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 20 | 21 | 26 |
| | | | | | | | | |
| † | † | † | § | § | 12 | 17 | 17 | 20 |
| † | † | † | 24 | 23 | 18 | 18 | 19 | 24 |
| † | † | † | † | † | ‡ | 21 | 23 | 24 |
| | | | | | | | | |
| 8 | 8 | 8 | 8 | 9 | 8 | 26 | 27 | 33 |
| § | § | § | 6 | 6 | 6 | 24 | 24 | 27 |
| § | § | § | § | § | § | 18 | 19 | 20 |
| § | § | § | § | § | § | 18 | 19 | 20 |

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 19 seers as compared with 19 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 19 | 16 | 16 |
| Ludhiána | ... | 21 | 19 | 19 |
| Jhang | ... | 20 | 17 | 17 |
| Siálkot | ... | 22 | 18 | 18 |
| Pesháwar | ... | 22 | 18 | 18 |
| Bannu | ... | 29 | 24 | 22 |

*Barley.*—Prices average 26 seers as compared with 27 seers in last fortnight and 33 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 30 | 23 | 21 |
| Ludhiána | ... | 40 | 25 | 22 |
| Lahore | ... | 35 | 26 | 26 |
| Gujrát | ... | 35 | 35 | 22 |
| Pesháwar | ... | 48 | 32 | 31 |
| D. I. Khan | ... | 37 | 31 | 31 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 10 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 10 | 13 | 13 |
| Ferozepore | ... | 9 | 10 | 10 |
| Mooltan | ... | 10 | 12 | 12 |
| Gujránwála | ... | 8 | 14 | 13 |
| Kohát | ... | 15 | 16 | 16 |
| Muzaffargarh | ... | 13 | 14 | 15 |

*Jowár.*—Prices average 27 seers as compared with 26 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 25 | 19 | 20 |
| Ludhiána | ... | 29 | 23 | 25 |
| Lahore | ... | 29 | 24 | 27 |
| Gujrát | ... | 30 | 27 | 26 |
| Pesháwar | ... | 44 | 36 | 35 |
| Bannu | ... | 33 | 55 | 53 |

*Bájra.*—Prices average 23 seers as compared with 21 seers in last fortnight and 21 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Gurgaon | ... | 23 | 17 | 19 |
| Ferozepore | ... | 24 | 20 | 22 |
| Lahore | ... | 16 | 20 | 20 |
| Ráwalpindi | ... | 24 | 30 | 30 |
| Pesháwar | ... | 21 | 25 | 25 |
| D. I. Khan | ... | 26 | 31 | 32 |

*Gram.*—Prices average 21 seers as compared with 21 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 28 | 21 | 21 |
| Hoshiárpur | ... | 30 | 22 | 21 |
| Amritsar | ... | 30 | 22 | 22 |
| Jhelum | ... | 28 | 21 | 20 |
| Pesháwar | ... | 24 | 19 | 18 |
| Bannu | ... | 33 | 27 | 26 |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. Whole-sale. | Present fortnight ending 15th Octr. 1890. Retail. | Past fortnight ending 30th Septr. 1890. Whole-sale. | Past fortnight ending 30th Septr. 1890. Retail. | Corresponding fortnight of 1889. Whole-sale. | Corresponding fortnight of 1889. Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 19 | 17 | † | † | † | 120 | 120 | 110 | 11 12 | 11 8 | 11 6 | 11 4 | 11 4 | 11 0 |
| Rohtak ... | 19 | 20 | 18 | 20 | 20 | 20 | 120 | 120 | 120 | 10 0 | 10 0 | 10 0 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 20 | 19 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 18 | 15 | 23 | 20 | 20 | 24 | 90 | 90 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 28 | 25 | 18 | 19 | 20 | 120 | 160 | 120 | 10 8 | 10 0 | 10 0 | 9 8 | 10 8 | 10 0 |
| Umballa ... | 24 | 22 | 25 | 16 | 18 | 20 | 130 | 120 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 14 | 14 | 20 | 9 | 9 | 10 | 65 | 65 | 65 | 9 0 | 8 7 | 9 8 | 8 15 | 9 12 | 8 8 |
| Kángra ‖ ... | ... | 21 | 22 | ... | 12 | 13 | ... | 100 | 100 | ... | ... | ‡ | 10 0 | ‡ | 11 0 |
| Hoshiárpur ... | 25 | 24 | 30 | 12 | 12 | 16 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 3 | 13 0 |
| Jullundur ... | 26 | 24 | 32 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 24 | 25 | 30 | 13 | 14 | 14 | 110 | 110 | 110 | 13 8 | 12 8 | 13 8 | 13 0 | 13 0 | 12 8 |
| Ferozepore ... | 30 | 26 | 30 | 10 | 10 | 11 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 4 | 13 4 |
| Mooltan ... | 20 | 20 | 21 | † | † | † | 100 | 90 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 | 12 0 |
| Jhang ... | 18 | 18 | 20 | 10 | 10 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery ‖ | ... | 16 | 24 | ... | 8 | 12 | ... | 253 | 200 | ... | ... | 13 0 | 12 8 | 12 0 | 11 0 |
| Lahore ... | 27 | 22 | 27 | 12 | 12 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 25 | 26 | 24 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 14 0 | 13 0 | 13 0 | 13 0 |
| Gurdáspur ... | 26 | 26 | 24 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 26 | 27 | 28 | 12 | 12 | 11 | 100 | 120 | 160 | 14 0 | 13 8 | 14 4 | 14 0 | 14 0 | 13 0 |
| Gujrát ... | 26 | 27 | 28 | † | † | † | 140 | 140 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 24 | 24 | 25 | † | † | § | 85 | 105 | 90 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 25 | 25 | 26 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 28 | 27 | ‡ | ‡ | ‡ | 120 | 100 | 100 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 30 | 30 | 32 | 26 | 25 | 20 | 83 | 83 | 76 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 28 | 32 | 29 | † | † | † | 100 | 100 | 85 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshávar ... | 25 | 27 | 33 | 28 | 29 | 20 | 106 | 98 | 80 | 42 0 | 40 0 | 44 0 | 42 0 | 38 0 | 37 0 |
| Kohát ... | 36 | 35 | 32 | 18 | 16 | † | 180 | 180 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 55 0 |
| Bannu ... | 49 | 51 | 38 | 14 | 16 | 11 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | § | 19 | § | § | 14 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | § | § | § | § | 125 | 125 | 125 | 25 0 | 23 12 | 25 0 | 24 0 | 28 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.
‖ Statement not received.

**DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th OCTOBER 1890—concluded.**

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 7 0 | 8 0 | 13 0 | 6 8 | 6 8 | 7 4 |
| 8 8 | 9 0 | 13 0 | 9 0 | 8 0 | 8 0 |
| 9 0 | 8 0 | 12 0 | 8 0 | 9 0 | 8 0 |
| 6 0 | 7 0 | 8 0 | 7 0 | 7 0 | 6 0 |
| 9 0 | 10 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 7 8 | 8 0 | 10 12 | 8 0 | 8 0 | 8 0 |
| 5 0 | 5 0 | 6 8 | † | † | 2 4 |
| | | | | | |
| ... | 6 0 | 10 0 | ... | 7 0 | 8 0 |
| 5 8 | 6 12 | 10 8 | 7 8 | 7 8 | 8 0 |
| 7 0 | 7 0 | 9 0 | 9 0 | 8 0 | 8 0 |
| 6 0 | 7 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 7 0 | 11 0 | 8 0 | 8 8 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 10 0 | 8 4 | 7 12 | 7 0 |
| 8 8 | 8 8 | 12 0 | 9 0 | 9 0 | 8 0 |
| ... | 8 0 | 10 8 | ... | 9 0 | 9 0 |
| 7 8 | 7 8 | 11 0 | 9 0 | 9 0 | 7 6 |
| 6 12 | 7 12 | 12 0 | 9 12 | 9 12 | 8 8 |
| 8 8 | 8 8 | 12 8 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 9 8 | 9 0 | 16 0 | 9 0 | 8 0 | 9 0 |
| 8 0 | 8 8 | 13 0 | 8 0 | 8 0 | 10 0 |
| 9 0 | 10 0 | 13 0 | 10 0 | 8 8 | 9 8 |
| 8 0 | 8 8 | 11 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 10 0 | 13 0 | 9 0 | 10 0 | 10 0 |
| 7 0 | 7 0 | 12 8 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 6 12 | 6 12 | 7 8 | § | § | § |
| 5 14 | 6 14 | 8 4 | 8 8 | 8 14 | 9 4 |
| 6 14 | 6 4 | 8 12 | 8 12 | 8 12 | 10 0 |
| | | | | | |
| 9 1 | 10 5 | 13 2 | 10 0 | 8 12 | 10 0 |
| 8 0 | 8 11 | 11 0 | § | § | 8 12 |
| 5 10 | 5 10 | 7 13 | 8 0 | 8 0 | 8 8 |
| 7 8 | 8 0 | 11 0 | 8 0 | 8 0 | 8 0 |

**REMARKS ON CURRENT VARIATIONS.**

*Maize.*—Prices average 26 seers as compared with 25 seers in last fortnight and 27 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 23 | 15 | 18 |
| Jullundur | ... | 32 | 24 | 26 |
| Gurdáspur | ... | 24 | 26 | 26 |
| Siálkot | ... | 28 | 27 | 26 |
| Peshávar | ... | 33 | 27 | 25 |
| Bannu | ... | 38 | 51 | 49 |

† Not produced.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 18 | 20 | 20 | 24 | ... | ... | ... | 14 | 14 | 11 | 21 | 21 | 25 | 18 | 17 | 20 | † | † | † |
| Ferozepore ... | 19 | 19 | 20 | 25 | 25 | 36 | ... | ... | ... | 10 | 10 | 9 | 30 | 30 | 28 | 22 | 20 | 24 | † | † | † |
| Mooltan ... | 16 | 16 | 16 | 26 | 27 | 27 | ... | ... | ... | 13 | 13 | 11 | 26 | 25 | 27 | 23 | 23 | 20 | † | † | † |
| Lahore ... | 19 | 19 | 21 | 27 | 27 | 36 | ... | ... | ... | 13 | 11 | 13 | 28 | 25 | 30 | 21 | 21 | 18 | § | § | § |
| Amritsar ... | 20 | 20 | 22 | 26 | 27 | 32 | ... | ... | ... | 13 | 13 | 12 | 26 | 26 | 26 | 19 | 18 | 17 | † | † | † |
| Peshâwar ... | 19 | 19 | 23 | 32 | 33 | 50 | ... | ... | ... | 12 | 12 | 12 | 37 | 37 | 46 | 26 | 26 | 22 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th OCTOBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Octr. 1890. | Past fortnight ending 30th Septr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 19 | 20 | 20 | 24 | 19 | 16 | 24 | 21 | 21 | 25 | 7 0 | 8 0 | 9 0 | 8 8 | 7 8 | 7 0 | |
| 20 | 20 | 20 | 24 | 24 | 30 | 30 | 26 | 30 | 10 | 10 | 11 | 10 0 | 7 0 | 11 0 | 8 0 | 8 8 | 8 0 | |
| 21 | 21 | 26 | 19 | 19 | 22 | 21 | 21 | 21 | † | † | † | 8 8 | 8 8 | 11 0 | 8 8 | 8 0 | 7 0 | |
| 24 | 24 | 23 | 23 | 23 | 31 | 28 | 23 | 28 | 13 | 13 | 13 | 8 0 | 8 8 | 12 0 | 9 8 | 9 8 | 7 12 | |
| 24 | 25 | 24 | 23 | 23 | 31 | 26 | 27 | 25 | † | † | † | 7 0 | 8 0 | 13 0 | 10 0 | 10 0 | 9 0 | |
| 25 | 24 | 19 | 19 | 20 | 25 | 26 | 28 | 35 | 29 | 30 | 21 | 6 2 | 7 1 | 9 2 | 8 13 | 9 2 | 9 11 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of September 1890.*

| Details. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... ... ... | | | Miles | 243 | |
| Receipts. Tollage. | Private boats ... ... ... | | Rs. | 309 | |
| Receipts. Tollage. | Rafts ... ... ... ... | | " | 684 | |
| Receipts. | Fines and Sundries ... ... | | " | 1 | |
| | | Total ... | " | 994 | |
| Cost of Navigation Establishment ... ... | | | " | * 600 | * Includes maintenance charges. |
| Net Revenue during month ... ... ... | | | " | 394 | |
| Boats plying. | Number ... ... | Cargo... ... | No. | 50 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... ... | Cargo... ... | Tons | 1,021 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... ... | | Up ... ... | " | 89,846 | |
| | | Down... ... | " | 89,846 | |
| | | Total ... | " | 179,692 | |
| Estimated value of Cargo ... | | Up ... | Rs. | 1,728 | |
| | | Down ... | " | 97,150 | |
| | | Total ... | " | 98,878 | |
| Number of passengers ... ... ... | | | No. | *Nil.* | |
| Rafts ... ... ... | | Contents, Down ... | C. ft. | 24,300 | |
| | | Estimated value ... | Rs. | 12,150 | |
| Tollage on boats per ton per mile ... ... | | | Pie. | 0·33 | |
| Tollage on rafts per 100 cubic feet ... ... | | | Rs. | 2-13-0 | |
| Description and quantities of goods carried. | Grain ... ... | Down ... ... | Tons | 1,286 | |
| | Building materials ... | Up ... ... | " | 88 | |
| | Fuel ... ... | Down ... ... | " | 17 | |
| | Miscellaneous ... | Up ... ... | " | 24 | |
| | | Down ... ... | " | 17 | |
| | | Total ... | " | 41 | |
| | Total Traffic ... | Up ... ... | " | 112 | |
| | | Down ... ... | " | 1,320 | |
| | | Total ... | " | 1,432 | |
| | Rafts. | Logs, round and squared—Down ... | " | 6 | |
| | | Sleepers, broad gauge—Down ... ... | " | 82 | |
| | | Sleepers, metre gauge—Down ... ... | " | 4 | |
| | | Ballas and karries—Down ... ... | " | 394 | |
| | | Total Rafts ... | " | 486 | |

LAHORE:
*The 27th October 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

**WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 4th OCTOBER 1890.**

| No | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhoea. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 5 | 8 | 13 | 9 | 5 | 4 | ... | ... | 4 | ... | ... | 5 | 1 | ... | 1 | 48 | 33 |
| 2 | | Hansi ... | 12,656 | 6 | 4 | 10 | 12 | 7 | 5 | ... | ... | 6 | 1 | ... | 5 | 1 | ... | 1 | 41 | 49 |
| 3 | | Bhiwani ... | 33,762 | 24 | 13 | 37 | 37 | 15 | 22 | ... | ... | 15 | 5 | ... | 17 | 5 | 3 | 8 | 57 | 57 |
| 4 | | Sirsa ... | 12,292 | 8 | 7 | 15 | 11 | 7 | 4 | ... | ... | 10 | ... | ... | 1 | 4 | 2 | 6 | 64 | 47 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 12 | 8 | 20 | 8 | 5 | 3 | ... | ... | 1 | 1 | ... | 6 | 3 | 2 | 5 | 66 | 27 |
| 6 | | Jhajjar ... | 11,650 | 4 | 2 | 6 | 9 | 3 | 6 | ... | ... | 7 | ... | ... | 2 | ... | 1 | 1 | 27 | 40 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 7 | 13 | 20 | 10 | 3 | 7 | ... | ... | 3 | 5 | ... | 2 | 1 | 2 | 3 | 43 | 21 |
| 8 | | Palwal ... | 10,635 | 7 | 5 | 12 | 6 | 2 | 4 | ... | ... | 2 | 1 | ... | 3 | 1 | 3 | 4 | 59 | 29 |
| 9 | Delhi ... | Delhi ... | 117,363 | 75 | 49 | 124 | 139 | 67 | 72 | ... | ... | 85 | 6 | ... | 48 | 25 | 21 | 46 | 55 | 62 |
| 10 | | „ Suburbs ... | 52,882 | 24 | 31 | 55 | 27 | 13 | 14 | 2 | ... | 16 | 1 | ... | 8 | 4 | 4 | 8 | 54 | 27 |
| 11 | | Sonepat ... | 13,077 | 9 | 6 | 15 | 8 | 5 | 3 | ... | ... | 6 | ... | ... | 2 | 3 | 1 | 4 | 60 | 32 |
| 12 | Karnal ... | Karnal ... | 23,133 | 9 | 9 | 18 | 28 | 13 | 15 | ... | ... | 17 | 3 | ... | 8 | 4 | 4 | 8 | 41 | 63 |
| 13 | | Kaithal ... | 14,754 | 4 | 5 | 9 | 14 | 3 | 11 | ... | ... | 3 | 2 | ... | 9 | 1 | 4 | 5 | 32 | 49 |
| 14 | | Panipat ... | 26,572 | 8 | 6 | 14 | 41 | 17 | 24 | ... | ... | 29 | 2 | ... | 10 | 4 | 2 | 6 | 27 | 80 |
| 15 | Umballa ... | Umballa ... | 26,777 | 8 | 5 | 13 | 133 | 59 | 74 | 3 | ... | 94 | 21 | ... | 15 | 8 | 7 | 15 | 25 | 259 |
| 16 | | Jagadhri ... | 12,300 | 5 | 5 | 10 | 13 | 7 | 6 | ... | ... | 6 | 1 | ... | 6 | 3 | ... | 3 | 42 | 55 |
| 17 | | Shahabad ... | 10,218 | 3 | 1 | 4 | 13 | 6 | 7 | ... | ... | 4 | 6 | ... | 3 | ... | ... | ... | 20 | 66 |
| 18 | | Sadhaura ... | 10,794 | 1 | 5 | 6 | 11 | 4 | 7 | ... | ... | 6 | 1 | ... | 4 | 2 | 3 | 5 | 29 | 53 |
| 19 | | Rupar ... | 10,326 | 3 | 4 | 7 | 12 | 8 | 4 | ... | ... | 10 | 1 | ... | 1 | 3 | 1 | 4 | 35 | 61 |
| 20 | Hoshiarpur... | Hoshiarpur ... | 13,263 | 12 | 7 | 19 | 22 | 12 | 10 | ... | ... | 12 | 5 | 1 | 4 | 3 | 2 | 5 | 75 | 86 |
| 21 | | Tanda and Urmar ... | 10,295 | 3 | 9 | 12 | 18 | 6 | 12 | ... | ... | 16 | 2 | ... | ... | 3 | 3 | 6 | 61 | 91 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 19 | 18 | 37 | 37 | 14 | 23 | ... | ... | 17 | 9 | ... | 11 | 5 | 13 | 18 | 62 | 62 |
| 23 | | „ Suburbs ... | 11,474 | 12 | 5 | 17 | 12 | 5 | 7 | ... | ... | 10 | ... | ... | 2 | 2 | 1 | 3 | 77 | 55 |
| 24 | | Rahon ... | 11,736 | 7 | 5 | 12 | 29 | 18 | 11 | ... | ... | 27 | 1 | ... | 1 | 11 | 3 | 14 | 53 | 129 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 23 | 24 | 47 | 52 | 31 | 21 | ... | 3 | 43 | 3 | ... | 3 | 6 | 4 | 10 | 55 | 61 |
| 26 | | Jagraon ... | 16,873 | 15 | 11 | 26 | 36 | 16 | 20 | ... | ... | 24 | 1 | ... | 11 | 4 | 7 | 11 | 80 | 111 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 8 | 15 | 34 | 22 | 12 | ... | ... | 28 | 1 | ... | 5 | 8 | 2 | 10 | 37 | 85 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 13 | 23 | 36 | 30 | 17 | 13 | ... | ... | 12 | 6 | ... | 12 | 11 | 5 | 16 | 59 | 49 |
| 29 | | „ Suburbs ... | 25,593 | 21 | 12 | 33 | 29 | 9 | 20 | ... | ... | 17 | 2 | ... | 10 | 3 | 7 | 10 | 67 | 59 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 7 | 5 | 12 | 18 | 12 | 6 | ... | ... | 8 | 1 | ... | 9 | 2 | 3 | 5 | 50 | 75 |
| 31 | | Chiniot ... | 11,191 | 8 | 8 | 16 | 15 | 9 | 6 | ... | ... | 11 | ... | ... | 4 | 2 | 2 | 4 | 75 | 70 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore | Lahore ... | 97,208 | 55 | 46 | 101 | 155 | 84 | 71 | ... | ... | 120 | 4 | 1 | 30 | 25 | 13 | 38 | 54 | 83 |
| 33 | | „ Suburbs ... | 41,670 | 7 | 7 | 14 | 43 | 26 | 17 | ... | ... | 28 | 5 | 1 | 9 | 1 | 1 | 2 | 17 | 54 |
| 34 | | Kasur ... | 17,336 | 13 | 7 | 20 | 39 | 21 | 18 | ... | ... | 26 | 3 | ... | 10 | 4 | 2 | 6 | 60 | 117 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 70 | 70 | 140 | 322 | 151 | 171 | 1 | ... | 230 | 12 | 2 | 77 | 55 | 68 | 123 | 51 | 116 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 24 | 20 | 44 | 45 | 28 | 17 | ... | ... | 44 | ... | ... | 1 | ... | 1 | 1 | 94 | 97 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 20 | 17 | 37 | 78 | 35 | 43 | ... | ... | 44 | 11 | ... | 23 | 10 | 7 | 17 | 57 | 120 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 4 | 5 | 9 | 264 | 127 | 137 | ... | ... | 255 | 3 | ... | 6 | 16 | 20 | 36 | 25 | 734 |
| 39 | | Jalalpur ... | 12,839 | 8 | 4 | 12 | 76 | 36 | 40 | ... | ... | 61 | 6 | ... | 9 | 2 | 7 | 9 | 49 | 309 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 10 | 13 | 23 | 74 | 34 | 40 | ... | ... | 62 | 3 | ... | 9 | 4 | 7 | 11 | 52 | 169 |
| 41 | | Wazirabad ... | 16,462 | 2 | 10 | 12 | 121 | 61 | 60 | 1 | ... | 106 | 1 | ... | 13 | 9 | 8 | 17 | 38 | 383 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 14 | 12 | 26 | 26 | 13 | 13 | ... | ... | 15 | 4 | ... | 7 | 3 | 4 | 7 | 89 | 89 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 4 | 7 | 15 | 7 | 8 | ... | ... | 15 | ... | ... | ... | 1 | ... | 1 | 22 | 47 |
| 44 | | Pind Dadan Khan ... | 16,724 | 7 | 8 | 15 | 22 | 9 | 13 | ... | ... | 13 | 8 | ... | 1 | 1 | 2 | 3 | 47 | 69 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 10 | 10 | 20 | 32 | 15 | 17 | ... | ... | 23 | 3 | ... | 6 | 2 | 5 | 7 | 38 | 60 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 24 | 19 | 43 | 38 | 15 | 23 | ... | ... | 23 | 1 | ... | 14 | 5 | 5 | 10 | 38 | 33 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 5 | 12 | 12 | 7 | 5 | ... | ... | 8 | 3 | ... | 1 | 3 | 1 | 4 | 46 | 46 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 11 | 10 | 21 | 6 | 4 | 2 | ... | ... | 4 | ... | ... | 2 | 2 | 1 | 3 | 58 | 16 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 12 | 13 | 25 | 12 | 4 | 8 | ... | ... | 7 | ... | ... | 5 | 2 | 1 | 3 | 66 | 33 |
| | Birth and death rate of London for the week ending 13th September 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·9 | 166 |
| | | Grand Total ... | 1,311,790 | 670 | 601 | 1,271 | 2,253 | 1097 | 1156 | 7 | 3 | 1,633 | 155 | 5 | 450 | 278 | 265 | 543 | 51 | 90 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... ... | 12,305 | 3 | .. | 3 | 8 | 5 | 3 | ... | 2 | 3 | 2 | ... | 1 | 1 | ... | 1 | 13 | 34 |
| | Dharmsala ... | ... ... ... | 3,839 | 1 | ... | 1 | 6 | 2 | 4 | ... | ... | 3 | ... | ... | 3 | ... | ... | ... | 14 | 81 |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 120 |
| | Murree ... | ... ... ... | 2,489 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 21 | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 24th October 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 4th October 1890.*

*General Results.*—The return is incomplete, the register of Pakpattan town in the Montgomery District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 40,064 against 37,511 in the previous week and 14,730 in the corresponding week of the past year, giving respectively an annual death-rate of 110·9, 103·8 and 40·8 per 1,000 of population. The mortality during the week under review was 7·1 per 1,000 higher than the exceedingly high death-rate registered in the previous week and was as much as 70·7 per 1,000 higher than the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 137 deaths registered under the head of cholera against 163 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Delhi ... ... | Delhi Suburbs ... ... ... | 2 | |
| Do. ... ... | Rural Circle ... ... ... | 9 | |
| Umballa ... ... | Umballa Town ... ... ... | 3 | |
| Do. ... ... | Rural Circles ... ... ... | 119 | |
| Lahore ... ... | Rural Circles ... ... ... | 2 | |
| Amritsar ... ... | Amritsar Town ... ... ... | 1 | |
| Gujranwala ... ... | Wazirabad Town ... ... | 1 | |
| | Total ... | 137 | |

*Small-pox.*—From small-pox 48 deaths were registered against 59 in the previous week and 37 in the corresponding week of the past year.

*Fevers.*—From fevers there were 34,790 deaths against 32,034 in the previous week and 11,022 in the corresponding week of the past year. There were 2,756 more deaths registered under the head of fevers than in the previous week. The greatest increase from these causes was registered in the districts of Sialkot, Gujrat and Gujranwala. In these three districts the fever mortality was at the annual respective rates of 387, 297 and 312 per 1,000.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 559 deaths against 635 in the previous week and 528 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Six hundred and twenty-nine against 676 and 537.

*Snake-bite.*—Twenty-six against 32 and 29.

*Hydrophobia.*—Two against 2 and 3.

*All other causes.*—Three thousand eight hundred and seventy-three against 3,910 in the previous week and 2,556 in the corresponding week of the past year.

*Infantile mortality.*—Eight thousand eight hundred and forty-five deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 4,529 were males and 4,316 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 2,253 deaths were registered (1,097 males and 1,156 females), giving a death-rate of 90 per mille of population; 1,271 births were registered (670 males and 601 females), giving a birth-rate of 51 per mille of population. The registered mortality of the 49 large towns was 22·9 per 1,000 less than that of the rest of the Province, but was 39·8 per 1,000 greater than the average annual rate of the same towns for the corresponding week of the five years 1885—1889. The mortality of the town of Gujrat was at the enormous rate of 734 per 1,000. The mortality registered in Wazirabad, Jalalpur and Umballa were at the very high rates of 383, 309 and 259 per 1,000 respectively.

LAHORE : } A. STEPHEN, SURGEON-MAJOR,

*The 24th October* 1890. } *Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—30-10-90—690.

No. 44 of 1890.

# SUPPLEMENT TO THE Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 6, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 5th NOVEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Sufficient. | Rising. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Do. | ... | Cultivation progressing. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Wheat sowings commenced. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | ... | Sowings in progress. |
| 5 | Ferozepore ... | ... | Do. | Do. | Bájra, Til and Jowár suffering for want of rain in unirrigated tracts. | ... |
| 6 | Amritsar ... | ... | Do. | Do. | Nearly harvested. Sugar-cane in good condition. | Sowings in progress. Prospects favourable. No complaints against canal working. |
| 7 | Siálkot ... | ... | Do. | Do. | Cuttings in progress. | Sowings continue. |
| 8 | Lahore ... | ... | Do. | Slightly rising. | Reaping in progress. Crops on cháhi and nahri lands good. Baráni crops turned bad for want of rain. Slight damage done to crops in the Kasúr Tahsil from a flight of locusts. | Sowings in progress. |
| 9 | Mooltan ... | ... | ... | Stationary. | Crops nearly all gathered. | Ploughings in progress. |
| 10 | Ráwalpindi ... | ... | Sufficient. | Rising. | ... | Being sown. |
| 11 | Shahpur ... | ... | Do. | Do. | ... | Wheat sowings in progress. |
| 12 | D. I. Khan ... | ... | ... | Do. | Harvesting going on. | Sowings in progress. |
| 13 | Peshâwar ... | ... | Sufficient. | Do. | ... | Wheat and barley sowings in progress. Prospects fair. |

*GENERAL REMARKS.*

No rainfall. Prices rising in 7 districts and stationary in the remainder. Harvesting of kharif crops in progress. Rab sowings going on. Rain much wanted in Hissar. Kharif crops on unirrigated lands are suffering in most districts for want of rain. Prospects of rabi are reported fair. Crops slightly damaged by locusts in Kasúr Tahsil, Lahore District. Fodder sufficient throughout the Province.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The Gauges in use are indicated thus—
*B*—Watson's Improved.
Stations not thus marked, use the Symon's Improved Gauge.

Columns 4—10.—*T* = Thunder.
*R* = Slight rain not measured.
*D* = Dust-storm.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICT. | RAIN-GAUGE STATION. | Date of fall last reported. | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | TOTAL. | SPECIAL REMARKS. |
| | | | *Week ending 28th September 1890.* | | | | | | | | |
| | | | Monday 22nd. | Tuesday 23rd. | Wednesday 24th | Thursday 25th. | Friday 26th. | Saturday 27th. | Sunday 28th. | | |
| GURDASPUR. | Mádhopur ... | 31st August ... | ... | ... | 0·01 | ... | 0·25 | ... | ... | 0·26 | |
| | | | *Week ending 12th October 1890.* | | | | | | | | |
| | | | Monday 6th. | Tuesday 7th. | Wednesday 8th. | Thursday 9th. | Friday 10th. | Saturday 11th. | Sunday 12th. | | |
| JHELUM. | Pind Dádan Khan | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 19th October 1890.* | | | | | | | | |
| | | | Monday 13th. | Tuesday 14th. | Wednesday 15th. | Thursday 16th. | Friday 17th. | Saturday 18th. | Sunday 19th. | | |
| SIMLA. | Barauli ... | 30th September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | 26th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | 11th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb ... | 3rd October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjhang ... | 31st August ... | 0·52 | ... | ... | ... | ... | ... | ... | 0·52 | |
| | Attock ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi ... | 12th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan ... | 30th September | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | 0·04 | 0·04 | |
| | Murree ... | 12th October ... | ... | ... | ... | ... | ... | ... | 1·00 | 1·00 | |

## RAIN REPORT FOR THE WEEK ENDING SUNDAY, THE 26th OCTOBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of October 1890. Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | Total. | Special Remarks. |
| Hissar. | Sirsa *s* | 24th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | 14th October | 0·08 | ... | ... | ... | ... | ... | ... | 0·08 | |
| | Barwála | 24th Septr. | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Hissar *s* | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 24th Do. | 0·09 | ... | ... | ... | ... | ... | ... | 0·09 | |
| | Bhiwáni | 11th October | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Budhláda | 11th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* | 15th Do. | 0·34 | ... | ... | ... | ... | ... | ... | 0·34 | |
| Rohtak. | Rohtak *s* | 27th Septr. | ... | ... | 0·50 | ... | ... | ... | ... | 0·50 | |
| | Gohána | 24th Do. | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Sámpla | 27th Do. | 0·26 | ... | 0·21 | ... | ... | ... | ... | 0·47 | |
| | Jhajjar | 28th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur | 1st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Taoru | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattin | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh | 27th Septr. | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| | Mahrauli | 17th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 23rd Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 19th October | 0·38 | ... | ... | ... | ... | ... | ... | 0·38 | |
| | Karnál *s* | Ditto | ... | 0·21 | ... | ... | ... | ... | ... | 0·21 | |
| | Rajaund | 12th August | 2·00 | ... | ... | ... | ... | ... | ... | 2·00 | |
| | Kaithal | 19th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 14th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 18th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | 30th Do. | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Umballa *s* | 1st October | 0·20 | 0·09 | ... | ... | ... | ... | ... | 0·29 | |
| | Naráingarh | Ditto | 0·07 | ... | ... | ... | ... | ... | ... | 0·07 | |
| | Kharar | Ditto | 0·05 | ... | ... | ... | ... | ... | ... | 0·05 | |
| | Rúpar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* | 12th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur *C* | 16th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* | 12th Septr. | 0·27 | ... | ... | ... | ... | ... | ... | 0·27 | |
| | Dádupur *C* | 19th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kasauli *s* | 19th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 29th Do. | ... | ... | 0·45 | ... | ... | ... | ... | 0·45 | |
| | Kot Khái | 26th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Kilba | 11th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | 19th October | ... | 0·04 | ... | ... | ... | ... | ... | 0·04 | |
| | Kulu *s* | 26th Septr. | ... | ... | 0·22 | ... | ... | ... | ... | 0·22 | |
| | Nagar | 24th Do. | ... | ... | 0·42 | ... | ... | ... | ... | 0·42 | |
| | Pálampur | 12th October | 0·27 | 0·01 | 0·01 | ... | ... | ... | ... | 0·29 | |
| | Hamírpur | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera | Ditto | ... | 0·06 | ... | ... | ... | ... | ... | 0·06 | |
| | Kángra | 26th Septr. | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Dharmsála *s* | Ditto | 0·32 | 0·06 | ... | ... | ... | ... | ... | 0·38 | |
| | Nurpur | Ditto | ... | 0·41 | ... | ... | ... | ... | ... | 0·41 | |
| Hoshiarpur. | Dasúya | 30th Septr. | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Una | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar | 12th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | 30th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | Ditto | ... | | ... | ... | ... | ... | ... | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | *Month of October* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | Total. | Special Remarks. |
| Jullundur. | Jullundur s | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála ... | 25th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána s | 19th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon ... | 30th Septr. ... | 0·16 | ... | ... | ... | ... | ... | ... | 0·16 | |
| Ferozepore. | Moga ... | 12th August ... | ... | ... | 0·45 | ... | ... | ... | ... | 0·45 | |
| | Zíra ... | 27th Septr. ... | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Ferozepore ... | Ditto ... | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| | Ferozepore City ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar ... | 7th August ... | 0·27 | ... | ... | ... | ... | ... | ... | 0·27 | |
| | Fázilka ... | 8th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána ... | 19th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh C ... | 8th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | 11th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Sherkot ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhang s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | 22nd August ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| Montgomery. | Gugera ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Montgomery s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pákpattan ... | 12th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Lahore. | Van C B | 14th August ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Chunián ... | 19th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr ... | 26th Septr ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pambe C ... | 16th August ... | 0·10 | 0·55 | ... | ... | ... | ... | ... | 0·65 | Slight fall of hail. |
| | Sharakpur ... | 23rd Do. ... | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Niáz Beg C ... | 26th Septr. ... | ... | 0·25 | 0·20 | ... | ... | ... | ... | 0·45 | |
| | Lahore s | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meean Meer C B | Ditto ... | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Manihála C | 27th Septr. ... | ... | 0 50 | ... | ... | ... | ... | ... | 0·50 | |
| | Dafthu C B | 23rd August ... | ... | 2·22 | ... | ... | ... | ... | ... | 2·22 | |
| Amritsar. | Buchar C B | 27th Septr. ... | ... | 1·08 | ... | ... | ... | ... | ... | 1·08 | |
| | Khara C ... | Ditto ... | 0 06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Tarn Táran ... | 25th Septr. ... | 1·16 | ... | ... | ... | ... | ... | ... | 1·16 | |
| | Raya C ... | 1st October ... | ... | 0 10 | ... | ... | ... | ... | ... | 0·10 | |
| | Jandiála C ... | Ditto ... | ... | 0 40 | ... | ... | ... | ... | ... | 0·40 | |
| | Jail Hospital s | 26th Septr. ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Amritsar Tahsil ... | 19th October ... | 0·70 | ... | ... | ... | ... | ... | ... | 0·70 | |
| | Amritsar C ... | 1st Do. ... | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Buggeh C ... | 27th Septr. ... | 0·10 | 0·25 | ... | ... | ... | ... | ... | 0·35 | |
| | Ajnála ... | 19th October ... | 0·18 | ... | ... | ... | ... | ... | ... | 0·18 | |
| Gurdaspur. | Aliwál C ... | 1st October ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Batála ... | 30th Septr. ... | 0 44 | ... | ... | ... | ... | ... | ... | 0·44 | |
| | Kaler C ... | 26th Do. ... | ... | 0 35 | ... | ... | ... | ... | ... | 0 35 | |
| | Tibri C ... | 1st October ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Gurdáspur s | Ditto ... | 0 21 | ... | ... | ... | ... | ... | ... | 0·21 | |
| | Bhímpur C ... | 26th Septr. ... | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Pathánkot ... | 30th Do. ... | 0·28 | ... | ... | ... | ... | ... | ... | 0·28 | |
| | Dalhousie s | 1st October ... | 0·27 | 0·54 | ... | ... | ... | ... | ... | 0·81 | |
| | Mádhopur C B | 31st August ... | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Shakargarh ... | 1st October ... | 0·23 | ... | ... | ... | ... | ... | ... | 0·23 | |
| Sialkot. | Zafarwál ... | 1st October ... | ... | 0·72 | ... | ... | ... | ... | ... | 0·72 | |
| | Pasrúr ... | Ditto ... | ... | 1·02 | ... | ... | ... | ... | ... | 1 02 | |
| | Raya ... | 27th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Daska ... | 1st October ... | 0 20 | 0·51 | ... | ... | ... | ... | ... | 0·71 | |
| | Siálkot s | Ditto ... | ... | 0·94 | ... | ... | ... | ... | ... | 0·94 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of October* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Monday 20th. | Tuesday 21st. | Wednesday 22nd | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr ... | 30th Septr. ... | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | Kharif crops are nearly harvested. The rainfall has assisted the preparation of the land for the rabi. |
| | Khárián ... | Ditto ... | ... | 0·46 | ... | ... | ... | ... | ... | 0·46 | |
| | Phália ... | Ditto ... | ... | 0·23 | ... | ... | ... | ... | ... | 0·23 | |
| GUJRANWALA. | Rámnagar ... | 30th Septr. ... | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | Rain much wanted for rabi sawings. Kharif crops average. Fodder sufficient. Prices stationary. |
| | Wazirabad ... | 19th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shekhupura ... | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | } Stat. not received. |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh s | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál ... | 31st Do. ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Nárpur ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra ... | 31st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khusháb ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur s | Ditto ... | 0·34 | ... | ... | ... | ... | ... | ... | 0·34 | |
| | Bhera ... | 1st October ... | 0·46 | ... | ... | ... | ... | ... | ... | 0·46 | |
| | Miáni ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 1st October ... | ... | 0·36 | ... | ... | ... | ... | ... | 0·36 | |
| | Sadr Station s | Ditto ... | 0·08 | 0·20 | ... | ... | ... | ... | ... | 0·28 | |
| | Chakwál ... | Ditto ... | 0·67 | ... | ... | ... | ... | ... | ... | 0·67 | |
| | Talagang ... | Ditto ... | ... | 0·06 | ... | ... | ... | ... | ... | 0·06 | |
| RAWALPINDI. | Pindigheb ... | 3rd October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 31st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 22nd Do. ... | 0·70 | ... | 0·40 | ... | ... | ... | ... | 1·10 | |
| | Ráwalpindi s | 12th October ... | 0·45 | ... | ... | ... | ... | ... | ... | 0·45 | |
| | Gujar Khan ... | 30th Septr. ... | 0·56 | ... | ... | ... | ... | ... | ... | 0·56 | |
| | Kahúta ... | 29th Septr. ... | 0·84 | ... | ... | ... | ... | ... | ... | 0·84 | |
| | Murree s | 12th October ... | 0·90 | 0·30 | ... | ... | ... | ... | ... | 1·20 | |
| HAZARA. | Abbott-abad s | 3rd October ... | 0·33 | 0·40 | ... | ... | ... | ... | ... | 0·73 | |
| | Mansahra ... | 13th Do. ... | 0·49 | 0·17 | 0·15 | ... | ... | ... | ... | 0·81 | |
| | Haripur ... | 3rd Do. ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| PESHAWAR. | Sawábi ... | 31st August ... | 0·50 | 0·26 | 0·25 | ... | ... | ... | ... | 1·01 | |
| | Lahore (Utman Bolak) | 30th Do. ... | 0·25 | 0·29 | 0·35 | ... | ... | ... | ... | 0·89 | |
| | Nowshera | 22nd Do. ... | 0·35 | ... | ... | ... | ... | ... | ... | 0·35 | |
| | Mardán s | Ditto ... | 0·73 | ... | ... | ... | ... | ... | ... | 0·73 | |
| | Katlang ... | 6th Septr. ... | ... | 0·68 | ... | ... | ... | ... | ... | 0·68 | |
| | Hashtnagar ... | 5th Do. ... | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |
| | Doab Daudzai ... | 2nd Do. ... | ... | ... | 0·33 | ... | ... | ... | ... | 0·33 | |
| | Peshawar s | 23rd August ... | 0·10 | 0·10 | ... | ... | ... | ... | ... | 0·20 | |
| KOHAT. | Kohát s | 1st October ... | ... | ... | D. T. 0·07 | ... | ... | ... | ... | 0·07 | |
| | Hangu ... | 30th August ... | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| | Thal ... | 28th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | 3rd October ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| BANNU. | Miánwáli ... | 21st August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel ... | 1st Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu s | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk ... | 1st Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kuláchi ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan s | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Gházi Khan s | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro s | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jámpur ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 12th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 11th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh s | 22nd Do. ... | 0·56 | ... | ... | ... | ... | ... | ... | 0·56 | |
| | Sinánwán ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal during the month of September 1890.*

| DETAIL. | | | Unit. | | REMARKS. |
|---|---|---|---|---|---|
| Length of channel open ... ... | | | Miles | 188 | |
| Receipts. | Tollage. | Private boats ... ... ... | Rs. | 242 | |
| | | Government boats ... ... | " | 3 | |
| | | Rafts ... ... ... | " | 113 | |
| | Hire of Government boats ... ... | | " | 4 | |
| | | Total ... | " | 362 | |
| Cost of Navigation Establishment ... ... | | | " | *970 | * Includes maintenance charges. |
| Net loss during month ... ... | | | " | 608 | |
| Boats plying. | Number ... | Cargo ... ... | No. | 42 | |
| | | Passengers ... | " | 7 | |
| | Tonnage ... | Cargo ... ... | Tons | 625 | |
| | | Passengers ... | " | 21 | |
| Ton mileage ... | | Up ... ... | " | 21,382 | |
| | | Down ... ... | " | 16,559 | |
| | | Total ... ... | " | 37,941 | |
| Estimated value of cargo | | Up ... ... | Rs. | 36,468 | |
| | | Down ... ... | " | 31,040 | |
| | | Total ... ... | " | 67,508 | |
| Number of passengers ... ... ... | | | No. | 548 | |
| Rafts ... ... | | Contents—Down ... | C. ft. | 7,439 | |
| | | Estimated value ... | Rs. | 5,646 | |
| Tollage on boats per ton per mile ... ... | | | Pie | 1 | |
| Description and quantities of goods carried. | Grain ... ... | Up ... ... | Tons | 394·5 | |
| | | Down ... ... | " | 267 | |
| | | Total ... ... | " | 661·5 | |
| | Salt ... ... | Up ... ... | " | 56·5 | |
| | Metals ... | Up ... | " | 14 | |
| | | Down ... ... | " | 38 | |
| | | Total ... | " | 52 | |
| | Building materials ... | Up ... ... | " | 63 | |
| | Fuel ... ... | Up ... ... | " | 117 | |
| | Timber ... ... | Up ... ... | " | 23 | |
| | | Down ... ... | " | 43 | |
| | | Total ... | " | 66 | |
| | Miscellaneous ... | Up ... ... | " | 7 | |
| | Total Traffic ... | Up ... ... | " | 675 | |
| | | Down ... ... | " | 348 | |
| | | Total ... ... | " | 1,023 | |
| | Rafts. | Logs, round and squared—Down ... | " | 58 | |
| | | Sleepers, broad gauge—Down ... | " | 12 | |
| | | Sleepers, metre gauge—Down ... | " | 40 | |
| | | Total Rafts ... | " | 110 | |

LAHORE:
*The 28th October 1890.*

J. BRABSON,
*Offg. Assistant Secretary to Government, Punjab, P. W. D.*

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 11th OCTOBER 1890.

| No | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 11 | 9 | 20 | 12 | 4 | 8 | ... | ... | 7 | ... | ... | 5 | 1 | 4 | 5 | 74 | 44 |
| 2 | | Hansi ... | 12,656 | 13 | 6 | 19 | 11 | 6 | 5 | ... | ... | 5 | 2 | ... | 4 | 1 | ... | 1 | 78 | 45 |
| 3 | | Bhiwani ... | 33,762 | 19 | 21 | 40 | 39 | 18 | 21 | ... | ... | 12 | 11 | ... | 16 | 6 | 6 | 12 | 62 | 60 |
| 4 | | Sirsa ... | 12,299 | 8 | 5 | 13 | 7 | 4 | 3 | ... | ... | 7 | ... | ... | ... | 1 | 2 | 3 | 55 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 8 | 12 | 12 | 8 | 4 | ... | ... | 5 | 2 | ... | 5 | 3 | 3 | 6 | 40 | 40 |
| 6 | | Jhajjar ... | 11,650 | 7 | 4 | 11 | 4 | 3 | 1 | ... | ... | 3 | ... | ... | 1 | 1 | ... | 1 | 49 | 18 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 24 | 13 | 37 | 13 | 11 | 2 | ... | ... | 9 | 3 | ... | 1 | 1 | ... | 1 | 79 | 28 |
| 8 | | Palwal ... | 10,635 | 12 | 2 | 14 | 7 | 5 | 2 | ... | ... | 4 | 1 | ... | 2 | 1 | 1 | 2 | 69 | 34 |
| 9 | Delhi ... | Delhi ... | 117,363 | 74 | 76 | 150 | 130 | 64 | 66 | 1 | ... | 75 | 6 | ... | 48 | 20 | 24 | 44 | 67 | 58 |
| 10 | | " Suburbs ... | 52,882 | 13 | 13 | 26 | 22 | 14 | 8 | ... | ... | 12 | 5 | 1 | 4 | 5 | ... | 5 | 26 | 22 |
| 11 | | Sonepat ... | 13,077 | 3 | 8 | 11 | 12 | 4 | 8 | ... | ... | 7 | ... | 1 | 4 | 3 | 3 | 6 | 44 | 48 |
| 12 | Karnal ... | Karnal ... | 23,133 | 12 | 7 | 19 | 31 | 18 | 13 | ... | ... | 23 | 1 | ... | 7 | 5 | 2 | 7 | 43 | 70 |
| 13 | | Kaithal ... | 14,754 | 7 | 4 | 11 | 11 | 6 | 5 | ... | ... | 5 | 1 | ... | 5 | ... | ... | ... | 39 | 39 |
| 14 | | Panipat ... | 26,572 | 10 | 10 | 20 | 56 | 27 | 29 | ... | ... | 40 | 1 | ... | 15 | 9 | 13 | 22 | 39 | 110 |
| 15 | Umballa ... | Umballa ... | 26,777 | 15 | 20 | 35 | 120 | 49 | 71 | ... | ... | 66 | 29 | ... | 25 | 7 | 12 | 19 | 68 | 234 |
| 16 | | Jagadhri ... | 12,300 | 2 | 3 | 5 | 7 | 4 | 3 | ... | .. | 3 | 2 | ... | 2 | ... | 2 | 2 | 21 | 30 |
| 17 | | Shahabad ... | 10,218 | 3 | 2 | 5 | 8 | 6 | 2 | ... | ... | 2 | 3 | ... | 3 | 1 | 1 | 2 | 26 | 41 |
| 18 | | Sadhaura ... | 10,794 | 3 | 2 | 5 | 7 | 2 | 5 | ... | ... | 6 | ... | ... | 1 | 1 | ... | 1 | 24 | 34 |
| 19 | | Rupar ... | 10,326 | 8 | 2 | 10 | 10 | 8 | 2 | ... | ... | 8 | 2 | ... | ... | ... | ... | ... | 50 | 50 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | Return not received. | | | | | | | | | | | | | | | | | |
| 21 | | Tanda and Urmar ... | | | | | | | | | | | | | | | | | | |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 22 | 14 | 36 | 41 | 28 | 13 | ... | ... | 19 | 9 | ... | 13 | 12 | 8 | 20 | 60 | 69 |
| 23 | | " Suburbs ... | 11,474 | 7 | 4 | 11 | 10 | 6 | 4 | ... | ... | 5 | 1 | ... | 4 | 2 | 1 | 3 | 50 | 45 |
| 24 | | Rahon ... | 11,736 | 3 | 4 | 7 | 18 | 6 | 12 | ... | ... | 13 | 1 | ... | 4 | 4 | 7 | 11 | 31 | 80 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 17 | 12 | 29 | 40 | 17 | 23 | ... | ... | 35 | 1 | ... | 4 | 6 | 3 | 9 | 34 | 47 |
| 26 | | Jagraon ... | 16,873 | 10 | 6 | 16 | 17 | 7 | 10 | ... | ... | 12 | 3 | ... | 2 | ... | 1 | 1 | 49 | 53 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 12 | 11 | 23 | 30 | 13 | 17 | ... | ... | 22 | 6 | ... | 2 | 3 | 6 | 9 | 57 | 75 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 20 | 18 | 38 | 27 | 16 | 11 | ... | ... | 9 | 2 | ... | 16 | 10 | 6 | 16 | 62 | 44 |
| 29 | | " Suburbs ... | 25,593 | 14 | 20 | 34 | 35 | 12 | 23 | ... | ... | 18 | 2 | ... | 15 | 7 | 15 | 22 | 69 | 71 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 9 | 6 | 15 | 23 | 9 | 14 | ... | ... | 15 | 3 | ... | 5 | 2 | 3 | 5 | 62 | 95 |
| 31 | | Chiniot ... | 11,191 | 5 | 4 | 9 | 14 | 5 | 9 | ... | ... | 10 | 1 | ... | 3 | ... | 3 | 3 | 42 | 65 |

WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No | Districts. | Towns. | Population | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 50 | 39 | 89 | 197 | 92 | 105 | ... | ... | 158 | 5 | 1 | 33 | 21 | 23 | 44 | 48 | 106 |
| 33 | | " Suburbs ... | 41,670 | 14 | 5 | 19 | 47 | 26 | 21 | ... | ... | 31 | 7 | ... | 9 | 2 | 5 | 7 | 24 | 59 |
| 34 | | Kasur ... | 17,336 | 8 | 7 | 15 | 36 | 20 | 16 | ... | ... | 33 | 3 | ... | ... | 5 | ... | 5 | 45 | 108 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 78 | 60 | 138 | 303 | 154 | 149 | 1 | ... | 210 | 17 | ... | 75 | 52 | 44 | 96 | 50 | 110 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 17 | 13 | 30 | 36 | 17 | 19 | ... | ... | 27 | ... | ... | 9 | ... | 3 | 3 | 64 | 77 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 21 | 16 | 37 | 105 | 57 | 48 | ... | ... | 74 | 13 | 1 | 17 | 16 | 8 | 24 | 57 | 162 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 8 | 5 | 13 | 188 | 101 | 87 | ... | ... | 182 | 2 | ... | 4 | 10 | 13 | 23 | 36 | 523 |
| 39 | | Jalalpur ... | 12,839 | 6 | 7 | 13 | 80 | 34 | 46 | ... | ... | 74 | 2 | ... | 4 | 4 | 4 | 8 | 53 | 325 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 15 | 16 | 31 | 103 | 50 | 53 | 2 | ... | 84 | 7 | ... | 10 | 10 | 9 | 19 | 71 | 235 |
| 41 | | Wazirabad ... | 16,462 | 3 | 8 | 11 | 113 | 54 | 59 | 5 | ... | 100 | 1 | ... | 7 | 12 | 13 | 25 | 35 | 358 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 6 | 4 | 10 | 26 | 14 | 12 | ... | ... | 21 | 2 | ... | 3 | 1 | 5 | 6 | 34 | 89 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 3 | 4 | 7 | 24 | 12 | 12 | ... | ... | 21 | ... | ... | 3 | 1 | 2 | 3 | 22 | 75 |
| 44 | | Pind Dadan Khan ... | 16,724 | 11 | 7 | 18 | 22 | 10 | 12 | ... | ... | 16 | 6 | ... | ... | 1 | 1 | 2 | 56 | 69 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 15 | 16 | 31 | 33 | 21 | 12 | ... | ... | 22 | 4 | ... | 7 | 4 | 5 | 9 | 58 | 62 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 33 | 24 | 57 | 31 | 11 | 20 | ... | ... | 17 | 1 | 1 | 12 | 3 | 4 | 7 | 50 | 27 |
| 47 | Kohat ... | Kohat ... | 13,490 | 6 | 7 | 13 | 7 | 4 | 3 | ... | ... | 3 | 1 | ... | 3 | ... | ... | ... | 50 | 27 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 7 | 13 | 6 | 4 | 2 | ... | ... | 3 | 2 | ... | 1 | 2 | 1 | 3 | 36 | 16 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 6 | 6 | 12 | 14 | 7 | 7 | ... | ... | 10 | ... | ... | 4 | 2 | 3 | 5 | 32 | 37 |
| | Birth and death rate of London for the week ending 20th September 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27·8 | 16·2 |
| | Grand Total ... | | 1,288,232 | 673 | 565 | 1,238 | 2,145 | 1,068 | 1,077 | 9 | ... | 1,543 | 171 | 5 | 417 | 258 | 269 | 527 | 50 | 87 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... ... ... ... ... | | 12,305 | 3 | 5 | 8 | 18 | 15 | 3 | ... | 1 | 12 | ... | ... | 5 | 4 | ... | 4 | 34 | 76 |
| | Dharmsala ... ... ... ... | | 3,839 | 1 | ... | 1 | 2 | ... | 2 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 14 | 27 |
| | Dalhousie ... ... ... ... | | 870 | 1 | ... | 1 | 2 | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 60 | 120 |
| | Murree ... ... ... ... | | 2,489 | 1 | ... | 1 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 21 | 21 |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th November 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 11th October 1890.*

*General Results.*—The return is incomplete, the registers for the district of Hoshiarpur not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 37,641 against 38,453 in the previous week and 14,736 in the corresponding week of the past year, giving respectively an annual death-rate of 109·4, 111·8 and 42·8 per 1,000 of population. Though the death-rate for the week under review was 2·4 per 1,000 less than that of the previous week, it was 67·4 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 40 deaths registered under the head of cholera against 137 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | |
|---|---|---|---|
| Delhi ... ... | Delhi Town ... ... ... | 1 | |
| Umballa ... ... | Rural Circles ... ... ... | 15 | |
| Kangra ... ... | Rural Circles ... ... ... | 9 | |
| Amritsar ... ... | Amritsar Town ... ... ... | 1 | |
| Do. ... ... | Rural Circle ... ... ... | 1 | |
| Gurdaspur ... ... | Rural Circle ... ... ... | 6 | |
| Gujranwala ... ... | Gujranwala Town ... ... | 2 | |
| Do. ... ... | Wazirabad Town ... ... | 5 | |
| | Total ... | 40 | |

*Small-pox.*—From small-pox 68 deaths were registered against 48 in the previous week and 48 in the corresponding week of the past year.

*Fevers.*—From fevers there were 32,838 deaths against 33,370 in the previous week and 11,258 in the corresponding week of the past year. Though there were 532 fever deaths registered under the head of fevers than in the previous week, the recorded mortality from fevers in the Province as a whole was still at the exceedingly high annual rate of 95 per 1,000. There was a slight reduction in the registered mortality from these causes in the districts of Gujrat and Gujranwala, but in the district of Sialkot there were 422 more deaths recorded under fevers than in the previous week. The mortality from there causes in the districts of Sialkot, Gujrat and Gujranwala was at the very high annual rates of 409, 293 and 269 per 1,000 respectively.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 739 deaths against 536 in the previous week and 497 registered under the head of bowel complaints in the corresponding week of the past year.

*Chest disease.*—Five hundred and twenty-nine against 549 and 490.

*Snake-bite.*—Seventeen against 26 and 15.

*Hydrophobia.*—One against 2 and 1.

*All other causes.*—Three thousand four hundred and nine against 3,785 in the previous week and 2,421 in the corresponding week of the past year.

*Infantile mortality.*—Eight thousand two hundred and ninety-five deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 4,161 were males and 4,134 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 2,145 deaths were registered (1,068 males and 1,077 females), giving a death-rate of 87 per mille of population; 1,238 births were registered (673 males and 565 females), giving a birth-rate of 50 per mille of population. The registered death-rate of the 47 large Municipal towns was 34·8 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889, but was 24·3 per 1,000 less than the recorded rate of the rest of the Province.

LAHORE; } A. STEPHEN, SURGEON-MAJOR,

*The 4th November 1890.* } *Sanitary Commissioner, Punjab.*

## MORTUARY RETURN FOR

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | CAUSE — Cholera. Males. | Cholera. Females. | Cholera. Total. | Small-pox. Children under one year. Males. | Small-pox. Children under one year. Females. | Small-pox. One to under 12 years. Males. | Small-pox. One to under 12 years. Females. | Small-pox. Twelve and over 12 years. Males. | Small-pox. Twelve and over 12 years. Females. | Total of Small-pox. | Fevers. Males. | Fevers. Females. | Fevers. Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 672,569 | 2,553 | 2,717 | 46 | 49 | ... | ... | ... | ... | ... | 2 | 1 | 1 | ... | 4 | 1,238 | 1,159 | 2,397 |
| 2 | Rohtak ... | 553,609 | 2,836 | 2,486 | 62 | 55 | 18 | 15 | 33 | ... | ... | ... | ... | ... | ... | ... | 1,063 | 907 | 1,970 |
| 3 | Gurgaon ... | 641,848 | 3,837 | 2,877 | 73 | 55 | 4 | 3 | 7 | 1 | 2 | 3 | ... | ... | ... | 6 | 970 | 1,041 | 2,011 |
| 4 | Delhi ... | 643,515 | 3,679 | 3,590 | 70 | 68 | 102 | 109 | 211 | ... | ... | ... | ... | ... | 1 | 1 | 1,059 | 1,119 | 2,178 |
| 5 | Karnál ... | 645,298 | 3,179 | 4,030 | 60 | 76 | 24 | 24 | 48 | 1 | 2 | 22 | 17 | ... | ... | 42 | 1,448 | 1,430 | 2,878 |
| 6 | Umballa ... | 1,032,665 | 3,199 | 6,920 | 38 | 82 | 391 | 307 | 698 | 15 | 11 | 30 | 25 | ... | 1 | 82 | 2,554 | 2,453 | 5,007 |
| 7 | Simla ... | 42,945 | 56 | 112 | 16 | 32 | 1 | ... | 1 | ... | ... | ... | ... | 4 | 1 | 5 | 40 | 24 | 64 |
| 8 | Kángra ... | 730,845 | 2,357 | 3,364 | 39 | 56 | 13 | 9 | 22 | ... | ... | ... | ... | ... | ... | ... | 1,257 | 1,348 | 2,605 |
| 9 | Hoshiárpur | 901,381 | 3,833 | 5,355 | 52 | 72 | 1 | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | 2,259 | 2,372 | 4,631 |
| 10 | Jullundur... | 789,555 | 3,647 | 3,921 | 56 | 60 | 3 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | 1,488 | 1,597 | 3,085 |
| 11 | Ludhiána ... | 618,835 | 2,437 | 3,860 | 48 | 76 | ... | ... | ... | 3 | 1 | 2 | 2 | ... | ... | 8 | 1,691 | 1,612 | 3,303 |
| 12 | Ferozepore | 747,329 | 3,391 | 4,465 | 55 | 73 | ... | ... | ... | ... | 1 | 5 | 5 | 1 | 1 | 13 | 1,957 | 1,812 | 3,769 |
| 13 | Mooltan ... | 551,964 | 2,651 | 1,547 | 58 | 34 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 516 | 497 | 1,013 |
| 14 | Jhang ... | 395,296 | 1,780 | 1,862 | 55 | 57 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 638 | 703 | 1,341 |
| 15 | Montgomery | 426,529 | 2,094 | 1,984 | 60 | 57 | ... | ... | ... | 2 | 1 | 7 | 4 | 1 | 1 | 16 | 592 | 608 | 1,200 |
| 16 | Lahore ... | 924,106 | 4,418 | 7,157 | 58 | 94 | 21 | 10 | 31 | ... | 3 | 11 | 11 | ... | ... | 25 | 2,879 | 3,070 | 5,949 |
| 17 | Amritsar ... | 893,266 | 4,217 | 6,681 | 57 | 91 | 37 | 24 | 61 | ... | ... | 3 | 1 | ... | 1 | 5 | 2,453 | 2,638 | 5,091 |
| 18 | Gurdáspur | 823,695 | 5,017 | 8,695 | 74 | 128 | 27 | 26 | 53 | 1 | 2 | 2 | 2 | ... | ... | 7 | 3,327 | 3,641 | 6,968 |
| 19 | Siálkot ... | 1,012,148 | 6,859 | 18,416 | 82 | 221 | ... | 1 | 1 | 6 | ... | 4 | 7 | ... | ... | 17 | 7,753 | 8,136 | 15,889 |
| 20 | Gujrát ... | 689,115 | 2,969 | 11,990 | 52 | 212 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 5,457 | 5,658 | 11,115 |
| 21 | Gujránwála | 616,892 | 2,931 | 8,798 | 58 | 174 | 4 | 1 | 5 | ... | ... | ... | ... | ... | ... | ... | 4,083 | 4,062 | 8,145 |
| 22 | Shahpur ... | 421,508 | 1,817 | 1,981 | 52 | 57 | ... | ... | ... | 1 | ... | 1 | 2 | 3 | 2 | 9 | 760 | 858 | 1,618 |
| 23 | Jhelum ... | 589,373 | 2,063 | 4,045 | 43 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,683 | 1,880 | 3,563 |
| 24 | Ráwalpindi | 820,512 | 2,006 | 3,934 | 30 | 58 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,682 | 1,706 | 3,388 |
| 25 | Hazára ... | 407,075 | 758 | 1,339 | 23 | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 596 | 636 | 1,232 |
| 26 | Pesháwar ... | 592,674 | 890 | 1,081 | 18 | 22 | ... | ... | ... | 2 | ... | 2 | ... | ... | ... | 4 | 478 | 469 | 947 |
| 27 | Kohát ... | 181,540 | 426 | 524 | 29 | 35 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 228 | 245 | 473 |
| 28 | Bannu ... | 332,577 | 762 | 832 | 28 | 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 392 | 374 | 766 |
| 29 | D. I. Khan | 441,649 | 1,179 | 873 | 32 | 24 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 388 | 351 | 739 |
| 30 | D. G. Khan | 363,346 | 954 | 548 | 32 | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 267 | 232 | 499 |
| 31 | Muzaffargarh | 338,605 | 1,320 | 797 | 47 | 29 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 400 | 370 | 770 |
| | Total ... | 18,842,264 | 80,115 | 126,781 | 52 | 82 | 646 | 529 | 1,175 | 33 | 24 | 95 | 77 | 10 | 8 | 247 | 51,596 | 53,008 | 104,604 |
| | Total in previous month ... | ... | 65,698 | 54,541 | 41 | 34 | 542 | 446 | 988 | 73 | 66 | 158 | 122 | 19 | 11 | 449 | 19,634 | 18,063 | 37,697 |
| | Total in same month of past year ... | ... | 75,304 | 53,218 | 49 | 34 | 424 | 327 | 751 | 25 | 21 | 57 | 57 | 8 | 7 | 175 | 19,219 | 18,058 | 37,277 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th November 1890.*

**THE MONTH OF SEPTEMBER 1890.**

*the Punjab during the month of September* 1890.

OF DEATH.

| Dysentery and Diarrhœa. | | | Injuries. Suicide. | | | Injuries. Wounding. | | | Injuries. Accidents. | | | Injuries. Snake-bite and killed by wild beasts. | | | All other causes. | | | Total deaths from all causes. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 34 | 22 | 56 | 1 | 3 | 4 | ... | ... | ... | 4 | 3 | 7 | 6 | ... | 6 | 131 | 112 | 243 | 1,417 | 1,300 | 2,717 |
| 22 | 23 | 45 | ... | ... | ... | 3 | ... | 3 | 13 | 6 | 19 | 3 | ... | 3 | 223 | 190 | 413 | 1,345 | 1,141 | 2,486 |
| 122 | 126 | 248 | 2 | 12 | 14 | ... | ... | ... | 2 | 11 | 13 | 4 | 5 | 9 | 316 | 253 | 569 | 1,424 | 1,453 | 2,877 |
| 66 | 58 | 124 | 3 | 3 | 6 | 3 | 1 | 4 | 13 | 13 | 26 | 4 | 3 | 7 | 556 | 477 | 1,033 | 1,806 | 1,784 | 3,590 |
| 40 | 48 | 88 | ... | ... | ... | ... | ... | ... | 2 | 12 | 14 | 2 | 1 | 3 | 477 | 480 | 957 | 2,016 | 2,014 | 4,030 |
| 180 | 132 | 312 | ... | ... | ... | ... | ... | ... | 21 | 7 | 28 | 3 | 1 | 4 | 420 | 369 | 789 | 3,614 | 3,306 | 6,920 |
| 2 | 1 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 | 9 | 39 | 77 | 35 | 112 |
| 72 | 69 | 141 | ... | ... | ... | 1 | ... | 1 | 8 | 8 | 16 | 4 | 1 | 5 | 280 | 294 | 574 | 1,635 | 1,729 | 3,364 |
| 51 | 58 | 109 | 1 | ... | 1 | 1 | 1 | 2 | 6 | 3 | 9 | 5 | 3 | 8 | 308 | 285 | 593 | 2,632 | 2,723 | 5,355 |
| 57 | 48 | 105 | 1 | ... | 1 | ... | ... | ... | 3 | 2 | 5 | 1 | ... | 1 | 366 | 355 | 721 | 1,919 | 2,002 | 3,921 |
| 27 | 27 | 54 | ... | 1 | 1 | 1 | 2 | 3 | 10 | 4 | 14 | ... | ... | ... | 242 | 235 | 477 | 1,976 | 1,884 | 3,860 |
| 34 | 19 | 53 | ... | ... | ... | ... | ... | ... | 12 | 3 | 15 | ... | 1 | 1 | 332 | 282 | 614 | 2,341 | 2,124 | 4,465 |
| 28 | 20 | 48 | 1 | ... | 1 | 2 | 1 | 3 | 12 | 6 | 18 | 8 | 4 | 12 | 230 | 222 | 452 | 797 | 750 | 1,547 |
| 19 | 15 | 34 | ... | ... | ... | ... | ... | ... | 8 | 4 | 12 | 9 | 3 | 12 | 246 | 217 | 463 | 920 | 942 | 1,8[illegible]2 |
| 14 | 7 | 21 | ... | ... | ... | 2 | ... | 2 | 4 | 2 | 6 | 5 | 3 | 8 | 362 | 369 | 731 | 989 | 995 | 1,984 |
| 51 | 38 | 89 | 2 | ... | 2 | 2 | ... | 2 | 12 | 4 | 16 | 11 | 1 | 12 | 555 | 476 | 1,031 | 3,544 | 3,613 | 7,157 |
| 107 | 73 | 180 | 2 | 1 | 3 | ... | ... | ... | 11 | 3 | 14 | 1 | 2 | 3 | 663 | 661 | 1,324 | 3,277 | 3,404 | 6,681 |
| 39 | 32 | 71 | 3 | 1 | 4 | ... | ... | ... | 11 | 6 | 17 | 4 | 1 | 5 | 839 | 731 | 1,570 | 4,253 | 4,442 | 8,695 |
| 239 | 190 | 429 | ... | 1 | ... | 1 | ... | 1 | 6 | 6 | 12 | 3 | ... | 3 | 1,084 | 980 | 2,064 | 9,096 | 9,320 | 18,416 |
| 53 | 45 | 98 | 1 | ... | 1 | ... | 1 | 1 | 4 | 6 | 10 | 1 | ... | 1 | 422 | 341 | 763 | 5,939 | 6,051 | 11,990 |
| 60 | 29 | 89 | ... | 1 | 1 | ... | ... | ... | 3 | 3 | 6 | 6 | ... | 6 | 286 | 260 | 546 | 4,442 | 4,356 | 8,798 |
| 15 | 16 | 31 | 1 | ... | 1 | 1 | ... | 1 | 5 | 1 | 6 | 6 | ... | 6 | 189 | 120 | 309 | 982 | 999 | 1,981 |
| 26 | 19 | 45 | 1 | 1 | 2 | ... | 1 | 1 | 5 | 4 | 9 | 5 | 2 | 7 | 224 | 194 | 418 | 1,944 | 2,101 | 4,045 |
| 26 | 17 | 43 | ... | ... | ... | 4 | 3 | 7 | 12 | 4 | 16 | 4 | 3 | 7 | 255 | 218 | 473 | 1,983 | 1,951 | 3,934 |
| 2 | ... | 2 | ... | ... | ... | ... | 2 | 2 | 6 | 1 | 7 | ... | 1 | 1 | 49 | 46 | 95 | 653 | 686 | 1,339 |
| 5 | 7 | 12 | ... | ... | ... | 6 | ... | 6 | 8 | 2 | 10 | ... | ... | ... | 70 | 32 | 102 | 571 | 510 | 1,081 |
| 4 | 1 | 5 | ... | ... | ... | 4 | 1 | 5 | 1 | 1 | 2 | 1 | 1 | 2 | 19 | 18 | 37 | 257 | 267 | 524 |
| 7 | 16 | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 20 | 42 | 522 | 410 | 832 |
| 7 | 10 | 17 | 1 | ... | 1 | ... | 1 | 1 | 2 | ... | 2 | 4 | 1 | 5 | 64 | 44 | 108 | 466 | 407 | 873 |
| 3 | 2 | 5 | ... | 1 | 1 | ... | ... | ... | 3 | ... | 3 | 1 | 2 | 3 | 18 | 19 | 37 | 292 | 256 | 548 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | 3 | 1 | 4 | 12 | 9 | 21 | 416 | 381 | 797 |
| 1,412 | 1,168 | 2,580 | 20 | 24 | 44 | 31 | 14 | 45 | 208 | 126 | 334 | 104 | 40 | 144 | 9,290 | 8,318 | 17,608 | 63,445 | 63,336 | 126,781 |
| 1,063 | 844 | 1,907 | 17 | 21 | 38 | 20 | 8 | 28 | 354 | 225 | 579 | 190 | 56 | 246 | 6,765 | 5,844 | 12,609 | 28,835 | 25,706 | 54,541 |
| 1,179 | 927 | 2,106 | 17 | 20 | 37 | 25 | 9 | 34 | 235 | 139 | 374 | 159 | 61 | 220 | 6,400 | 5,844 | 12,244 | 27,748 | 25,470 | 53,218 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Eighty thousand one hundred and fifteen births were registered in the Province during the month of September 1890, giving a birth-rate of 52 per mille of population. Of the total number of births, 42,692 were boys and 37,423 were girls.

The total number of deaths registered from all causes in the Province during the month of September 1890 was 126,781 against 54,541 in the previous month and 53,218 in the corresponding month of the past year, giving an annual death-rate of 82, 34 and 34 per mille of population per annum respectively.

There were 1,175 deaths registered under the head of cholera.

From small-pox 247 deaths were registered against 449 in the previous month and 175 in the corresponding month of the past year; fevers 104,604 against 37,697 and 37,277. There were 66,907 more deaths registered from fever than in the previous month. The average number of fever deaths registered during the corresponding month of the five years 1885—1889 was 35,293, or 69,311 less than the number registered during the month under review. The largest mortality under this head was registered in the districts of Siálkot, Gujrát and Gujránwála. There were 2,580 deaths registered under dysentery and diarrhœa against 1,907 in the previous month and 2,106 under bowel complaints in the corresponding month of the past year.

During the month there were 44 deaths registered from suicide against 38 in the past month; wounding 45 against 28; accidents 334 against 579; snake-bite and killed by wild beasts 144 against 246; and from all other causes 17,608 against 12,609 and 12,244 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE:
LAHORE:
*The 4th November* 1890.

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of September 1890.*

| No. | DISTRICTS. | CHRISTIANS. | | | HINDUS. | | | MUHAMMADANS. | | | OTHER CLASSES. | | | TOTAL. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 1,051 | 957 | 2,008 | 284 | 261 | 545 | ... | ... | ... | 1,335 | 1,218 | 2,553 | 46 |
| 2 | Rohtak ... | ... | ... | ... | 1,334 | 1,174 | 2,508 | 179 | 149 | 328 | ... | ... | ... | 1,513 | 1,323 | 2,836 | 62 |
| 3 | Gurgaon ... | ... | ... | ... | 1,449 | 1,265 | 2,714 | 595 | 528 | 1,123 | ... | ... | ... | 2,044 | 1,793 | 3,837 | 73 |
| 4 | Delhi ... | 3 | 2 | 5 | 1,527 | 1,385 | 2,912 | 421 | 338 | 759 | ... | 3 | 3 | 1,951 | 1,728 | 3,679 | 70 |
| 5 | Karnál ... | ... | ... | ... | 1,299 | 1,099 | 2,398 | 400 | 381 | 781 | ... | ... | ... | 1,699 | 1,480 | 3,179 | 60 |
| 6 | Umballa ... | ... | ... | ... | 1,232 | 994 | 2,226 | 556 | 417 | 973 | ... | ... | ... | 1,788 | 1,411 | 3,199 | 38 |
| 7 | Simla ... | ... | ... | ... | 20 | 19 | 39 | 10 | 7 | 17 | ... | ... | ... | 30 | 26 | 56 | 16 |
| 8 | Kángra ... | ... | ... | ... | 1,124 | 1,083 | 2,207 | 77 | 73 | 150 | ... | ... | ... | 1,201 | 1,156 | 2,357 | 39 |
| 9 | Hoshiárpur ... | ... | ... | ... | 1,295 | 1,169 | 2,464 | 707 | 662 | 1,369 | ... | ... | ... | 2,002 | 1,831 | 3,833 | 52 |
| 10 | Jullundur ... | ... | ... | ... | 1,014 | 908 | 1,922 | 888 | 837 | 1,725 | ... | ... | ... | 1,902 | 1,745 | 3,647 | 56 |
| 11 | Ludhiána ... | ... | ... | ... | 852 | 741 | 1,593 | 424 | 420 | 844 | ... | ... | ... | 1,276 | 1,161 | 2,437 | 48 |
| 12 | Ferozepore ... | ... | ... | ... | 905 | 808 | 1,713 | 867 | 811 | 1,678 | ... | ... | ... | 1,772 | 1,619 | 3,391 | 55 |
| 13 | Mooltan ... | ... | ... | ... | 292 | 249 | 541 | 1,133 | 977 | 2,110 | ... | ... | ... | 1,425 | 1,226 | 2,651 | 58 |
| 14 | Jhang ... | ... | ... | ... | 206 | 178 | 384 | 736 | 660 | 1,396 | ... | ... | ... | 942 | 838 | 1,780 | 55 |
| 15 | Montgomery ... | ... | ... | ... | 249 | 240 | 489 | 857 | 747 | 1,604 | ... | 1 | 1 | 1,106 | 988 | 2,094 | 60 |
| 16 | Lahore ... | ... | ... | ... | 682 | 623 | 1,305 | 1,669 | 1,444 | 3,113 | ... | ... | ... | 2,351 | 2,067 | 4,418 | 58 |
| 17 | Amritsar ... | ... | 1 | 1 | 1,118 | 965 | 2,083 | 1,115 | 1,018 | 2,133 | ... | ... | ... | 2,233 | 1,984 | 4,217 | 57 |
| 18 | Gurdáspur ... | 3 | 1 | 4 | 1,314 | 1,125 | 2,439 | 1,363 | 1,211 | 2,574 | ... | ... | ... | 2,680 | 2,337 | 5,017 | 74 |
| 19 | Siálkot ... | 17 | 13 | 30 | 1,029 | 878 | 1,907 | 2,577 | 2,345 | 4,922 | ... | ... | ... | 3,623 | 3,236 | 6,859 | 82 |
| 20 | Gujrát ... | ... | ... | ... | 221 | 150 | 371 | 1,377 | 1,218 | 2,595 | 1 | 2 | 3 | 1,599 | 1,370 | 2,969 | 52 |
| 21 | Gujránwála ... | ... | ... | ... | 378 | 290 | 668 | 1,185 | 1,078 | 2,263 | ... | ... | ... | 1,563 | 1,368 | 2,931 | 58 |
| 22 | Shahpur ... | ... | ... | ... | 139 | 151 | 290 | 830 | 696 | 1,526 | 1 | ... | 1 | 970 | 847 | 1,817 | 52 |
| 23 | Jhelum ... | ... | ... | ... | 115 | 105 | 220 | 976 | 867 | 1,843 | ... | ... | ... | 1,091 | 972 | 2,063 | 43 |
| 24 | Ráwalpindi ... | ... | ... | ... | 125 | 109 | 234 | 918 | 852 | 1,770 | 2 | ... | 2 | 1,045 | 961 | 2,006 | 30 |
| 25 | Hazára ... | ... | ... | ... | 25 | 22 | 47 | 381 | 330 | 711 | ... | ... | ... | 406 | 352 | 758 | 23 |
| 26 | Peshávar ... | ... | ... | ... | 22 | 15 | 37 | 516 | 333 | 849 | 3 | 1 | 4 | 541 | 349 | 890 | 18 |
| 27 | Kohát ... | ... | ... | ... | 21 | 19 | 40 | 223 | 163 | 386 | ... | ... | ... | 244 | 182 | 426 | 29 |
| 28 | Bannu ... | ... | ... | ... | 51 | 37 | 88 | 395 | 279 | 674 | ... | ... | ... | 446 | 316 | 762 | 28 |
| 29 | Dera Ismail Khan | ... | ... | ... | 116 | 84 | 200 | 548 | 431 | 979 | ... | ... | ... | 664 | 515 | 1,179 | 32 |
| 30 | Dera Gházi Khan | ... | ... | ... | 98 | 106 | 204 | 416 | 327 | 743 | 5 | 2 | 7 | 519 | 435 | 954 | 32 |
| 31 | Muzaffargarh ... | ... | ... | ... | 105 | 81 | 186 | 621 | 506 | 1,127 | 5 | 2 | 7 | 731 | 589 | 1,320 | 47 |
| | TOTAL ... | 23 | 17 | 40 | 19,408 | 17,029 | 36,437 | 23,244 | 20,366 | 43,610 | 17 | 11 | 28 | 42,692 | 37,423 | 80,115 | 52 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th November 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

Punjab Government Press, Lahore—6-11-90—696.

No. 45 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

*Published by Authority.*

LAHORE, THURSDAY, NOVEMBER 13, 1890.

## PART I.
## STATISTICAL.

**WEATHER AND CROP REPORT FOR WEEK ENDING 11th NOVEMBER 1890.**

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Fluctuating. | Reaping commenced. | Cultivation progressing. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Sowing in progress. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | Standing crops average. | ... |
| 5 | Ferozepore ... | ... | Do. | Do. | Crops inferior for want of rain; mostly cut. | ... |
| 6 | Amritsar ... | ... | Do. | Do. | Crops harvested. | Sowings still in progress. Prospects favourable. Canals working well. |
| 7 | Siálkot ... | ... | Do. | Do. | Rice crop being cut. Cotton being plucked. | Sowings nearly finished. |
| 8 | Lahore ... | ... | Do. | Slightly rising in Chunian. | Harvesting in progress. Outturn average. | Sowings going on. |
| 9 | Mooltan ... | ... | Scarce in Rawa. | Stationary. | Crops nearly harvested. | Sowings commenced. |
| 10 | Ráwalpindi ... | ... | Sufficient. | Rising. | ... | Prospects average. |
| 11 | Shahpur ... | ... | Do. | Do. | ... | Wheat and poppy crop being sown. |
| 12 | D. I. Khan ... | ... | ... | Do. | Harvest nearly cut. | Sowings still in progress. |
| 13 | Peshávar ... | ... | Sufficient. | Stationary. | ... | Wheat and barley still being sown. Prospects fair. |

*GENERAL REMARKS.*

No rainfall. Prices unsettled in Delhi; rising in Ráwalpindi, Shahpur, Dera Ismail Khan and parts of Lahore; stationary elsewhere. Harvesting of kharif crops in progress. Rabi sowings going on. Rain much wanted in Hissar. Standing kharif crops inferior for want of rain. Prospects of rabi crops generally reported fair. Fodder sufficient in all districts except in parts of Mooltan. Poppy sowings commenced in Shahpur,

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 16 | 18 | 20 | 21 | 29 | ... | ... | ... | 10 | 10 | 10 | 20 | 20 | 24 | 20 | 20 | 23 |
| Rohtak ... | 17 | 17 | 17 | 19 | 20 | 23 | ... | ... | ... | 10 | 10 | 12 | 20 | 20 | 25 | 20 | 20 | 22 |
| Gurgaon ... | 16 | 17 | 16 | 21 | 20 | 26 | ... | ... | ... | 10 | 10 | 10 | 22 | 20 | 26 | 20 | 19 | 21 |
| Delhi ... | 16 | 16 | 17 | 20 | 19 | 24 | ... | ... | ... | 13 | 13 | 10 | 20 | 20 | 24 | 19 | 17 | 20 |
| Karnál ... | 17 | 18 | 17 | 21 | 21 | 25 | ... | ... | ... | 12 | 12 | 11 | 24 | 24 | 23 | 18 | 18 | 16 |
| Umballa ... | 17 | 18 | 20 | 19 | 20 | 24 | ... | ... | ... | 11 | 11 | 11 | 22 | 22 | 20 | 20 | 20 | 17 |
| Simla ... | 13 | 12 | 15 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 8 | 14 | 13 | 15 | 14 | 14 | 11 |
| Kángra ... | 18 | 17 | 20 | 24 | 24 | 28 | ... | ... | ... | 15 | 14 | 12 | 14 | 14 | 16 | 11 | 10 | 10 |
| Hoshiárpur ... | 20 | 20 | 22 | 24 | 26 | 32 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 28 | 20 | 20 | 20 |
| Jullundur ... | 19 | 20 | 21 | 25 | 25 | 32 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 26 | 19 | 19 | 20 |
| Ludhiána ... | 19 | 19 | 21 | 22 | 22 | 36 | ... | ... | ... | 12 | 12 | 12 | 23 | 25 | 28 | 20 | 23 | 22 |
| Ferozepore ... | 19 | 19 | 21 | 24 | 25 | 36 | ... | ... | ... | 10 | 10 | 9 | 30 | 30 | 28 | 22 | 22 | 24 |
| Mooltan ... | 16 | 16 | 16 | 25 | 26 | 25 | ... | ... | ... | 12 | 12 | 10 | 25 | 25 | 26 | 21 | 22 | 21 |
| Jhang ... | 17 | 17 | 20 | 26 | 26 | 32 | ... | ... | ... | 9 | 9 | 9 | 21 | 20 | 26 | 19 | 16 | 23 |
| Montgomery ... | 17 | 17 | 18 | 25 | 25 | 28 | ... | ... | ... | 11 | 10 | 10 | 20 | 20 | 21 | 20 | 15 | 20 |
| Lahore ... | 18 | 18 | 19 | 26 | 26 | 35 | ... | ... | ... | 12 | 11 | 11 | 26 | 27 | 29 | 21 | 20 | 18 |
| Amritsar ... | 18 | 19 | 21 | 25 | 25 | 31 | ... | ... | ... | 12 | 12 | 11 | 26 | 25 | 25 | 20 | 18 | 16 |
| Gurdáspur ... | 20 | 20 | 23 | 26 | 26 | 28 | ... | ... | ... | 14 | 14 | 12 | 26 | 26 | 20 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 22 | 27 | 26 | 40 | ... | ... | ... | 14 | 13 | 14 | 30 | 30 | 29 | 25 | 25 | 25 |
| Gujrát ... | 21 | 21 | 22 | 30 | 22 | 35 | ... | ... | ... | 11 | 11 | 12 | 26 | 26 | 30 | 24 | 24 | 28 |
| Gujránwála ... | 19 | 20 | 21 | 30 | 31 | 40 | ... | ... | ... | 12 | 13 | 11 | 30 | 26 | 28 | 24 | 24 | 20 |
| Shahpur ... | 19 | 19 | 23 | 26 | 26 | 36 | ... | ... | ... | 10 | 10 | 10 | 25 | 25 | 26 | 25 | 25 | 26 |
| Jhelum ... | 21 | 21 | 23 | 26 | 28 | 34 | ... | ... | ... | 13 | 10 | 14 | 28 | 28 | 28 | 30 | 28 | 27 |
| Ráwalpindi ... | 18 | 19 | 22 | 29 | 33 | 50 | ... | ... | ... | 9 | 9 | 7 | 40 | 40 | 40 | 28 | 30 | 26 |
| Hazára ... | 21 | 21 | 23 | 34 | 34 | 42 | ... | ... | ... | 11 | 11 | 10 | § | § | 16 | § | § | 16 |
| Peshávar ... | 18 | 18 | 22 | 30 | 31 | 48 | ... | ... | ... | 11 | 11 | 11 | 36 | 35 | 44 | 25 | 25 | 22 |
| Kohát ... | 19 | 20 | 22 | 33 | 34 | 48 | ... | ... | ... | 16 | 16 | 16 | 33 | 33 | ‡ | 30 | 33 | 35 |
| Bannu ... | 23 | 22 | 29 | 46 | 44 | 44 | ... | ... | ... | 13 | 13 | 15 | 50 | 53 | 41 | 34 | 35 | 35 |
| D. I. Khan ... | 19 | 20 | 22 | 28 | 31 | 39 | ... | ... | ... | 9 | 9 | 9 | 34 | 37 | 35 | 29 | 32 | 29 |
| D. G. Khan ... | 18 | 18 | 16 | 23 | 25 | 24 | ... | ... | ... | 8 | 8 | 8 | 25 | 25 | 23 | 25 | 25 | 23 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 27 | ... | ... | ... | 15 | 15 | 13 | 18 | 18 | 18 | 17 | 17 | 15 |

‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st OCTOBER 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 23 | 22 | 27 | |
| † | † | † | 16 | 16 | 16 | 21 | 21 | 24 | |
| † | † | † | † | † | † | 20 | 19 | 23 | |
| † | † | † | 13 | 13 | 14 | 19 | 19 | 23 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 20 | 21 | 29 | |
| 20 | 20 | 20 | 10 | 10 | 8 | 20 | 21 | 30 | |
| 17 | 17 | 22 | 10 | 10 | 8 | 16 | 15 | 20 | |
| | | | | | | | | | |
| 24 | 25 | 27 | 7 | 6 | 8 | 18 | 17 | 24 | |
| 12 | 12 | 13 | 20 | 20 | 24 | 20 | 21 | 23 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 22 | 28 | |
| † | † | † | 20 | 20 | 20 | 23 | 23 | 30 | |
| † | † | † | 20 | 20 | 16 | 23 | 24 | 32 | |
| | | | | | | | | | |
| † | † | † | 24 | 20 | 24 | 19 | 18 | 22 | |
| 25 | 25 | 22 | 23 | 22 | 22 | 17 | 17 | 21 | |
| § | § | § | 32 | 32 | 26 | 22 | 22 | 26 | |
| § | § | § | 24 | 23 | 22 | 21 | 23 | 30 | |
| † | † | † | 23 | 23 | 23 | 21 | 22 | 30 | |
| † | † | † | 12 | 12 | 16 | 20 | 20 | 26 | |
| | | | | | | | | | |
| 30 | 30 | 14 | 28 | 28 | 34 | 20 | 21 | 28 | |
| † | † | † | 10 | 10 | 12 | 21 | 22 | 27 | |
| † | † | § | 25 | 25 | 20 | 22 | 23 | 30 | |
| 20 | 20 | 20 | 18 | 20 | 20 | 23 | 23 | 31 | |
| ‡ | ‡ | † | ‡ | ‡ | ‡ | 21 | 20 | 28 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 20 | 20 | 27 | |
| | | | | | | | | | |
| † | † | † | § | § | 16 | 17 | 17 | 21 | |
| † | † | † | 23 | 24 | 21 | 17 | 18 | 24 | |
| † | † | † | † | † | ‡ | 20 | 21 | 25 | |
| | | | | | | | | | |
| 8 | 8 | 8 | 9 | 8 | 8 | 26 | 26 | 35 | |
| § | § | § | 6 | 6 | 6 | 22 | 24 | 27 | |
| § | § | § | § | § | § | 18 | 18 | 20 | |
| § | § | § | § | § | § | 18 | 18 | 20 | |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | |
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 31st Octr. 1890. | | Past fortnight ending 15th Octr. 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 110 | 11 8 | 11 4 | 11 12 | 11 8 | 11 4 | 11 0 |
| Rohtak ... | 19 | 19 | 18 | 18 | 20 | 20 | 120 | 120 | 120 | 10 8 | 10 0 | 10 0 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 22 | 20 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 19 | 18 | 22 | 20 | 20 | 24 | 90 | 90 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 24 | 24 | 28 | 18 | 18 | 20 | 120 | 120 | 120 | 10 8 | 10 0 | 10 8 | 10 0 | 10 8 | 10 0 |
| Umballa ... | 22 | 24 | 28 | 16 | 16 | 20 | 130 | 130 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 19 | 14 | 20 | 9 | 9 | 10 | 65 | 65 | 65 | 9 8 | 8 14 | 9 0 | 8 7 | 9 8 | 8 8 |
| Kángra ... | 22 | 20 | 22 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 8 | ‡ | 10 8 | † | 11 0 |
| Hoshiárpur ... | 26 | 25 | 30 | 12 | 12 | 16 | 85 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 4 | 13 0 |
| Jullundur ... | 25 | 26 | 32 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 23 | 24 | 27 | 13 | 13 | 14 | 110 | 110 | 110 | 13 4 | 12 8 | 13 8 | 12 8 | 13 0 | 13 0 |
| Ferozepore ... | 26 | 30 | 30 | 10 | 10 | 11 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 4 |
| Mooltan ... | 21 | 20 | 20 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Jhang ... | 22 | 18 | 25 | 10 | 10 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery ... | 20 | 20 | 24 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 24 | 27 | 27 | 12 | 12 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 25 | 25 | 24 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Gurdáspur ... | 26 | 26 | 28 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 25 | 26 | 28 | 12 | 12 | 12 | 100 | 100 | 160 | 13 12 | 13 8 | 14 0 | 13 8 | 14 8 | 13 0 |
| Gujrát ... | 24 | 26 | 28 | † | † | † | 140 | 140 | 120 | * | 14 0 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 24 | 24 | 25 | † | † | § | 85 | 85 | 85 | 13 8 | 13 0 | 13 8 | 13 0 | 13 8 | 13 0 |
| Shahpur ... | 25 | 25 | 26 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 27 | 28 | 25 | ‡ | ‡ | ‡ | 120 | 120 | 100 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 28 | 30 | 30 | 23 | 26 | 19 | 83 | 83 | 73 | 13 12 | 13 8 | 13 12 | 13 8 | 13 15 | 13 7 |
| Hazára ... | 30 | 28 | 35 | † | † | † | 100 | 100 | 90 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshávar ... | 25 | 25 | 34 | 25 | 28 | 20 | 110 | 106 | 75 | 44 0 | 42 0 | 42 0 | 40 0 | 37 0 | 36 0 |
| Kohát ... | 34 | 36 | 35 | 16 | 18 | † | 180 | 180 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 55 0 |
| Bannu ... | 48 | 49 | 44 | 16 | 14 | 13 | 80 | 80 | 70 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | § | 22 | § | § | 15 | 125 | 125 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 46 0 | 44 0 |
| D. G. Khan ... | § | § | 15 | § | § | § | 125 | 125 | 125 | 24 8 | 22 8 | 25 0 | 23 12 | 28 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 12 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st OCTOBER 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 7 0 | 7 0 | 13 0 | 6 8 | 6 8 | 7 4 |
| 8 8 | 8 8 | 13 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 6 0 | 8 0 | 7 8 | 7 0 | 6 0 |
| 9 0 | 9 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 7 8 | 11 0 | 8 0 | 8 0 | 8 0 |
| 4 8 | 5 0 | 6 8 | 2 5 | † | 2 4 |
| | | | | | |
| 6 0 | 6 0 | 9 0 | 8 0 | 8 0 | 8 0 |
| 6 0 | 5 8 | 10 8 | 7 8 | 7 8 | 8 0 |
| 7 0 | 7 0 | 14 0 | 8 0 | 9 0 | 8 0 |
| 6 0 | 6 0 | 10 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 10 0 | 10 4 | 8 0 | 8 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 10 0 | 7 4 | 8 4 | 6 12 |
| 10 0 | 8 8 | 12 0 | 8 0 | 9 0 | 8 0 |
| 8 0 | 8 0 | 11 8 | 9 0 | 9 0 | 9 0 |
| 7 4 | 7 8 | 11 0 | 9 0 | 9 0 | 8 0 |
| 7 8 | 6 12 | 12 0 | 9 4 | 9 12 | 7 0 |
| 8 8 | 8 8 | 12 8 | 10 0 | 8 0 | 9 0 |
| | | | | | |
| 9 8 | 9 8 | 16 0 | 9 0 | 9 0 | 9 0 |
| 9 0 | 8 0 | 13 0 | 8 0 | 8 0 | 9 0 |
| 10 0 | 9 0 | 13 0 | 9 0 | 10 0 | 8 8 |
| 8 0 | 8 0 | 11 0 | 9 0 | 9 0 | 7 0 |
| 9 0 | 8 0 | 12 0 | 10 0 | 9 0 | 10 0 |
| 7 12 | 7 0 | 12 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 6 4 | 6 12 | 8 0 | § | § | § |
| 7 0 | 5 14 | 8 8 | 9 0 | 8 8 | 9 8 |
| 6 14 | 6 14 | 8 8 | 10 0 | 8 12 | 10 0 |
| | | | | | |
| 9 10 | 9 1 | 13 12 | 10 12 | 10 0 | 8 2 |
| 8 4 | 8 0 | 11 0 | § | § | 8 12 |
| 5 10 | 5 10 | 7 13 | 8 0 | 8 0 | 8 8 |
| 7 0 | 7 8 | 11 0 | 8 0 | 8 0 | 8 0 |

† Not produced.
§ Not procurable.

### REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 122 seers as compared with 122 seers in last fortnight and 116 seers in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Seers. | Seers. | Seers. |
| Hissar ... | 110 | 120 | 120 |
| Hoshiárpur ... | 100 | 105 | 85 |
| Montgomery ... | 200 | 253 | 253 |
| Siálkot ... | 160 | 100 | 100 |
| Kohát ... | 125 | 180 | 180 |
| D. I. Khan ... | 112 | 125 | 125 |

*Lahori Salt.*—Prices average 12 seers 3 chataks as compared with 12 seers 3 chataks in last fortnight and 12 seers 2 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs C. | Srs. C. | Srs. C. |
| Hissar ... | 11 0 | 11 8 | 11 4 |
| Ludhiána ... | 13 0 | 12 8 | 12 8 |
| Mooltan ... | 12 0 | 13 0 | 13 0 |
| Ráwalpindi ... | 13 7 | 13 8 | 13 8 |

*Kohát Salt.*—Prices average 41 seers 6 chataks as compared with 41 seers 2 chataks in last fortnight and 40 seers 6 chataks in corresponding period of 1889. The following are the chief variations :—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C. |
| Pesháwar ... | 36 0 | 40 0 | 42 0 |
| D. G. Khan ... | 27 0 | 23 12 | 23 0 |

*Gur.*—Prices average 7 seers 12 chataks as compared with 7 seers 10 chataks in last fortnight and 11 seers 4 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs C. | Srs. C. |
| Hissar ... | 13 0 | 7 0 | 7 0 |
| Jullundur ... | 14 0 | 7 0 | 7 0 |
| Amritsar ... | 12 0 | 6 12 | 7 8 |
| Ráwalpindi ... | 12 0 | 7 0 | 7 12 |
| Hazára ... | 8 0 | 6 12 | 6 4 |
| Bannu ... | 13 12 | 9 1 | 9 10 |

*Cotton (Unginned).*—Prices average 8 seers 9 chataks as compared with 8 seers 8 chataks in last fortnight and 8 seers 3 chataks in corresponding period of 1889. The chief variations in each Division are—

| | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|
| | Srs. C. | Srs. C. | Srs. C. |
| Rohtak ... | 8 0 | 9 0 | 9 0 |
| Hoshiárpur ... | 8 0 | 7 8 | 7 8 |
| Amritsar ... | 7 0 | 9 12 | 9 4 |
| Ráwalpindi ... | 8 0 | 10 0 | 10 0 |
| Pesháwar ... | 9 8 | 8 8 | 9 0 |
| Bannu ... | 8 2 | 10 0 | 10 12 |

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR
FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890 | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 18 | 21 | 20 | 25 | ... | ... | ... | 14 | 14 | 11 | 21 | 21 | 25 | 20 | 18 | 21 | † | † | † |
| Ferozepore ... | 19 | 19 | 21 | 24 | 25 | 36 | ... | ... | ... | 10 | 10 | 9 | 30 | 30 | 28 | 22 | 22 | 24 | † | † | † |
| Mooltan ... | 16 | 16 | 16 | 26 | 26 | 26 | ... | ... | ... | 13 | 13 | 11 | 26 | 26 | 27 | 22 | 23 | 22 | † | † | † |
| Lahore ... | 19 | 19 | 21 | 27 | 27 | 36 | ... | ... | ... | 13 | 13 | 13 | 27 | 28 | 3 | 22 | 21 | 20 | § | § | § |
| Amritsar ... | 19 | 20 | 22 | 26 | 26 | 32 | ... | ... | ... | 13 | 13 | 12 | 27 | 26 | 26 | 21 | 19 | 17 | † | † | † |
| Peshâwar ... | 19 | 19 | 23 | 31 | 32 | 50 | ... | ... | ... | 12 | 12 | 12 | 37 | 37 | 46 | 26 | 26 | 23 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE
31st OCTOBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 31st Octr. 1890. | Past fortnight ending 15th Octr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 14 | 14 | 15 | 20 | 20 | 24 | 20 | 19 | 23 | 21 | 21 | 25 | 7 8 | 7 0 | 9 0 | 8 0 | 8 8 | 7 0 | |
| 20 | 20 | 16 | 23 | 24 | 32 | 26 | 30 | 30 | 10 | 10 | 11 | 7 0 | 10 0 | 10 4 | 8 0 | 8 0 | 8 0 | |
| 25 | 21 | 25 | 19 | 19 | 23 | 21 | 21 | 21 | † | † | † | 8 8 | 8 8 | 11 0 | 7 8 | 8 8 | 7 0 | |
| 26 | 24 | 23 | 22 | 23 | 31 | 25 | 28 | 28 | 13 | 13 | 13 | 7 12 | 8 0 | 12 0 | 9 8 | 9 8 | 9 0 | |
| 24 | 24 | 24 | 22 | 23 | 31 | 26 | 26 | 25 | † | † | † | 8 0 | 7 0 | 13 0 | 9 8 | 10 0 | 7 8 | |
| 24 | 25 | 22 | 18 | 19 | 25 | 26 | 26 | 35 | 26 | 29 | 21 | 7 4 | 6 2 | 8 12 | 9 3 | 8 13 | 9 11 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## RAIN RETURNS, PUNJAB.

### WEEKLY RAIN REPORT RECEIVED TOO LATE FOR LAST GAZETTE.

BLANK RETURN.

*Week ending 26th October 1890.*

Meluána and Shahkot (Gujránwála District).

Weekly Rain Report for the week ending 1st November 1890.

MEMO.—There has been no rainfall. Every return received is blank.

Return not received from Kilba (Simla District).

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 0·29 | ... | 0·29 | ... | ... | ... | ... | Jowár very poor, bájra being threshed, a poor crop. No rabi sown except on the Nali. Fodder at present sufficient. |
| | Fatahabad ... | 0·28 | ... | 0·28 | 0·30 | 0·30 | ... | 0·30 | |
| | Barwála ... | 0·24 | ... | 0·24 | 0·20 | 0·20 | ... | 0·20 | |
| | Hissar ... | 0·32 | ... | 0·32 | ... | ... | ... | ... | |
| | Hánsi ... | 0·22 | ... | 0·22 | 0·09 | 0·09 | ... | 0·09 | |
| | Bhiwáni ... | 0·23 | ... | 0·23 | 0·26 | 0·26 | ... | 0·26 | |
| | Budhláda ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta ... | ... | ... | ... | 0·34 | 0·34 | ... | 0·34 | |
| Rohtak. | Rohtak ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Gobána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | ... | ... | ... | ... | Condition of crops so far generally fair. Area sown is believed to have been large, but much depends on the winter rains now. |
| | Játusána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári ... | 0·30 | ... | 0·30 | ... | ... | ... | ... | |
| | Shahjahánpur ... | ... | ... | ... | 0·23 | 0·23 | ... | 0·23 | |
| | Tauru ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh ... | 0·38 | ... | 0·38 | ... | ... | ... | ... | |
| | Firozpur ... | 0·21 | ... | 0·21 | ... | ... | ... | ... | |
| | Hodal ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 0·32 | ... | 0·32 | ... | ... | ... | ... | |
| | Sohna ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon ... | 0·45 | ... | 0·45 | ... | ... | ... | ... | |
| | Punahána ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh ... | 0·47 | ... | 0·47 | 0·02 | 0·02 | ... | 0·02 | Rabi cultivation progressing. Kharíf prospects average. Canal was full during the month and irrigation was resorted to when necessary. |
| | Mahrauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) ... | 0·50 | ... | 0·50 | ... | ... | ... | ... | |
| | Sonepat ... | 0·54 | ... | 0·54 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| KARNAL. | Pánipat ... | 0·32 | ... | 0·32 | 1·78 | 1·78 | ... | 1·78 | Crop prospects good. The Collector and Revenue Assistant were 14 days on tour respectively during the month. |
| | Karnal ... | 0·43 | .. | 0·43 | 0·58 | 0·58 | ... | 0·58 | |
| | Rajaund ... | ... | ... | ... | 2·00 | 2·00 | .. | 2·00 | |
| | Kaithal ... | 0·22 | ... | 0·22 | 0·40 | 0·40 | ... | 0·40 | |
| | Guhla ... | ... | ... | ... | ... | ... | ... | ... | |
| UMBALLA. | Pipli ... | 0·64 | ... | 0·64 | ... | ... | ... | ... | Rabi sowings in progress. Kharíf harvested; outturn below average. |
| | Jagádhri ... | 0·88 | ... | 0·88 | 0·05 | 0·05 | ... | 0·05 | |
| | Umballa ... | 0·58 | ... | 0·58 | 0·39 | 0·39 | ... | 0·39 | |
| | Naráingarh ... | 1·09 | ... | 1·09 | 0·36 | 0·36 | ... | 0·36 | |
| | Kharar ... | 0·91 | ... | 0·91 | 0·14 | 0·14 | ... | 0·14 | |
| | Rúpar ... | 0·84 | ... | 0·84 | 0·12 | 0·12 | ... | 0·12 | |
| | Kotra (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki (*c*) ... | ... | ... | ... | 0·27 | 0·27 | ... | 0·27 | |
| | Dádupur (*c*) ... | ... | ... | ... | 0·30 | 0·30 | ... | 0·30 | |
| SIMLA. | Kasauli ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Barauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Kháı ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | ... | ... | ... | ... | ... | ... | ... | |
| KANGRA. | Plách ... | 0·78 | ... | 0·78 | 0·12 | 0·12 | ... | 0·12 | Excepting some of the latter crops in the Kulu Sub-division the kharíf crops have been harvested, and the outturn is that of an average kharíf harvest. Rabi sowings in progress. Flights of locusts have appeared, but no injury has resulted. |
| | Kulu ... | 0·74 | ... | 0·74 | 0·22 | 0·22 | ... | 0·22 | |
| | Nagar ... | 0·73 | ... | 0·73 | 0·42 | 0·42 | ... | 0·42 | |
| | Pálampur ... | 1·26 | ... | 1·26 | 0·43 | 0·43 | ... | 0·43 | |
| | Hamírpur ... | 0·64 | ... | 0·64 | 0·10 | 0·10 | ... | 0·10 | |
| | Dera ... | 0·84 | ... | 0·84 | 0·15 | 0·15 | ... | 0·15 | |
| | Kángra ... | 0·80 | ... | 0·80 | ... | ... | ... | ... | |
| | Dharmsala ... | 1·59 | ... | 1·59 | 0·38 | 0·38 | ... | 0·38 | |
| | Núrpur ... | 1·07 | ... | 1·07 | 0·41 | 0·41 | ... | 0·41 | |
| HOSHIARPUR. | Dasúya ... | 0·35 | ... | 0·35 | 0·20 | 0·20 | ... | 0·20 | All kharíf crops except rice in the Bet lands of Tahsíl Dasúya have been cut and gathered. The yield has been reported to be an average one. Cotton has generally been picked, and sugar-cane is being cut. The rabi sowings are in progress every where. The health of the people is generally good. |
| | Una ... | 0·43 | ... | 0·43 | ... | ... | ... | ... | |
| | Garhshankar ... | 0·32 | ... | 0·32 | 0·21 | 0·21 | ... | 0·21 | |
| | Sadr Station ... | 0·33 | ... | 0·33 | ... | ... | ... | ... | |
| | Hoshiárpur ... | 0·33 | ... | 0·33 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Jullundur. | **Jullundur** ... | 0·49 | ... | 0·49 | 0·27 | 0·27 | ... | 0·27 | Kharíf outturn average. Rabi sowings in progress. Health of people good. Revenue Extra Assistant Commissioner (Munshi Durga Parshád) was on tour during the month under report for 23 days supervising the girdáwari work. |
| | Nakodar ... | 0·48 | ... | 0·48 | 0·02 | 0·02 | ... | 0·02 | |
| | Phillour ... | 0·52 | ... | 0·52 | 0·80 | 0·80 | ... | 0·80 | |
| | Nawashahr ... | 0·56 | ... | 0·56 | 0·68 | 0·68 | ... | 0·68 | |
| Ludhiana. | Samrála ... | 1·46 | ... | 1·46 | ... | ... | ... | ... | Kharíf crops being reaped except sugarcane and cotton. Rabi sowings in baráni land in progress. The Revenue Extra Assistant was 29 days on tour during the month checking girdáwari work. |
| | **Ludhiana** ... | 1·19 | ... | 1·19 | 0·03 | 0·03 | ... | 0·03 | |
| | Jagraon ... | 0·92 | ... | 0·92 | 0·16 | 0·16 | ... | 0·16 | |
| Ferozepore. | Moga ... | 0·56 | ... | 0·56 | 0·45 | 0·45 | ... | 0·45 | Kharíf crops have suffered for want of rain. Sowings for rabi are in progress, but rain is urgently wanted. Fodder sufficient. Supply of water in Sirhind Canal sufficient. |
| | Zíra ... | 0·63 | ... | 0·63 | 0·14 | 0·14 | ... | 0·14 | |
| | **Ferozepore Sadr** ... | 0·60 | ... | 0·60 | 0·05 | 0·05 | ... | 0·05 | |
| | Ferozepore City ... | 0·60 | ... | 0·60 | ... | ... | ... | ... | |
| | Muktsar ... | 0·30 | ... | 0·30 | 0·27 | 0·27 | ... | 0·27 | |
| | Fázilka ... | 0·27 | ... | 0·27 | ... | ... | ... | ... | |
| | Nathána ... | ... | ... | ... | 0·80 | 0·80 | ... | 0·80 | |
| | Gobindgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | ... | ... | ... | ... | ... | ... | ... | Statement ot received. |
| | Lodhrán ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Mooltan** ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabirwála ... | ... | ... | ... | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890—(continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | 0·19 | ... | 0·19 | ... | ... | ... | ... | Crops average. Taraddud for rabi and sowings of wheat began. Locusts appeared. The Revenue Officer was in camp for 18 days in October 1890. |
| | Jhang ... | 0·20 | ... | 0·20 | ... | ... | ... | ... | |
| | Chiniot ... | 0·25 | ... | 0·25 | 0·02 | 0·02 | ... | 0·02 | |
| Montgomery. | Gugera ... | 0·12 | ... | 0·12 | ... | ... | ... | ... | The early cessation of the rains caused some drying up of the Kharíf crops. Rabi sowings are in progress. Prices are stationary. The Deputy Commissioner did not go on tour during October 1890. The Revenue Extra Assistant Commissioner was on tour for 20 days in the month of October 1890. |
| | Montgomery ... | 0·19 | ... | 0·19 | ... | ... | ... | ... | |
| | Pákpattan ... | 0·12 | ... | 0·12 | ... | ... | ... | ... | |
| | Dipálpur ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | |
| Lahore. | Van (*c*) ... | 0·28 | ... | 0·28 | 0·20 | 0·20 | ... | 0·20 | Irrigated cotton good. Rice fair. Jowár blighted everywhere. Maize blighted in parts; wherever blighted there was no yield of grain, only fodder. Unirrigated. All crops were spoilt more or less by drought, some partially, the greater part entirely. Maize, rice, moth and jowár mostly cut, Cotton-picking commenced a fortnight ago. Gram and rape have been sown. Wheat sowings in progress. On 20th October in parts of the district a little rain fell which helped rabi sowings; elsewhere the soil is too dry for baráni sowings. |
| | Chunián ... | 0·53 | ... | 0·53 | 0·46 | 0·46 | ... | 0·46 | |
| | Kasúr ... | 0·43 | ... | 0·43 | ... | ... | ... | ... | |
| | Pambe (*c*) ... | 0·29 | ... | 0·29 | 0·65 | 0·65 | ... | 0·65 | |
| | Sharakpur ... | 0·32 | ... | 0·32 | 0·30 | 0·30 | ... | 0·30 | |
| | Niáz Beg (*c*) ... | 0·37 | ... | 0·37 | 0·45 | 0·45 | ... | 0·45 | |
| | Lahore ... | 0·53 | ... | 0·53 | ... | ... | ... | ... | |
| | Mean Meer (*c*) ... | 0·55 | ... | 0·55 | 0·15 | 0·15 | ... | 0·15 | |
| | Manibála (*c*) ... | 0·39 | ... | 0·39 | 0·50 | 0·50 | ... | 0·50 | |
| | Dafthu (*c*) ... | ... | ... | ... | 2·22 | 2·22 | ... | 2·22 | |
| Amritsar. | Buchar (*c*) ... | 0·21 | ... | 0·21 | 1·08 | 1·08 | ... | 1·08 | Condition of kharíf crops fair and rabi sowings good. Canals working well. |
| | Khara (*c*) ... | 0·18 | ... | 0·18 | 0·06 | 0·06 | ... | 0·06 | |
| | Tarn Táran ... | 0·40 | ... | 0·40 | 1·16 | 1·16 | ... | 1·16 | |
| | Raya (*c*) ... | 0·25 | ... | 0·25 | 0·15 | 0·15 | ... | 0·15 | |
| | Jandiála (*c*) ... | 0·56 | ... | 0·56 | 0·55 | 0·55 | ... | 0·55 | |
| | Jail Hospital ... | ... | ... | ... | 0·50 | 0·50 | ... | 0·50 | |
| | Amritsar Sadr ... | 0·49 | ... | 0·49 | 0·78 | 0·78 | ... | 0·78 | |
| | Amritsar (*c*) ... | ... | ... | ... | 0·60 | 0·60 | ... | 0·60 | |
| | Buggeh (*c*) ... | 0·26 | ... | 0·26 | 0·35 | 0·35 | ... | 0·35 | |
| | Ajnála ... | 0·35 | ... | 0·35 | 0·19 | 0·19 | ... | 0·19 | |

**AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890**—(continued).

Explanation :—(c). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| Districts. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Gurdaspur. | Aliwál (c) ... | 0·45 | ... | 0·45 | 0·30 | 0·30 | ... | 0·30 | Kharíf crops have been reaped and rabi crops are being sown. Extra Assistant Settlement Officer and Settlement Collector were out in camp 21 and 26 days respectively. |
| | Batála ... | 0·51 | ... | 0·51 | 0·44 | 0·44 | ... | 0·44 | |
| | Kaler (c) ... | 0·59 | ... | 0·59 | 0·35 | 0·35 | ... | 0·35 | |
| | Tibri ... | 0·55 | ... | 0·55 | 0·40 | 0·40 | ... | 0·40 | |
| | **Gurdaspur** ... | **0·62** | ... | **0·62** | **0·30** | **0·30** | ... | **0·30** | |
| | Bhimpur ... | 0·71 | ... | 0·71 | 0·25 | 0·25 | ... | 0·25 | |
| | Pathánkot ... | 0·75 | ... | 0·75 | 0·28 | 0·28 | ... | 0·28 | |
| | Dalhousie ... | 1·07 | ... | 1·07 | 1·03 | 1·03 | ... | 1·03 | |
| | Mádhopur ... | 0·71 | .. | 0·71 | 0·25 | 0·25 | ... | 0·25 | |
| | Shakargarh ... | 0·75 | ... | 0·75 | 0·40 | 0·40 | ... | 0·40 | |
| Sialkot. | Zafarwál ... | 0·54 | ... | 0·54 | 1·19 | 1·19 | ... | 1·19 | Maize damaged by floods in low-lying tracts. Crops otherwise excellent. The Revenue Extra Assistant Commissioner was 22 days on tour checking the girdáwari. |
| | Pasrúr ... | 0·49 | ... | 0·49 | 1·33 | 1·33 | ... | 1·33 | |
| | Raya ... | 0·29 | ... | 0·29 | ... | ... | ... | ... | |
| | Daska ... | 0·44 | ... | 0·44 | 1·11 | 1·11 | ... | 1·11 | |
| | **Sialkot** ... | **0·61** | ... | **0·61** | **1·27** | **1·27** | ... | **1·27** | |
| Gujrat. | **Gujrat Sadr** ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Khárián ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phália ... | ... | ... | ... | ... | ... | ... | ... | |
| Gujranwala. | Rámnagar ... | 0·06 | ... | 0·06 | 0·14 | 0·14 | ... | 0·14 | The kharíf harvest is being reaped and the rabi being sown. The kharíf has not fulfilled expectations. Baráni crops promised well in September, but the hot day east winds early in October prevented the ear from filling well, and the outturn of gram is below average, though the stalks afford plenty of fodder. Of irrigated crops, cotton though poor in the stalk has flowered very well, and is a good crop all round, while maize and cane are much below average. Rice has failed generally, especially in the canal-irrigated lands in Háfizabad Tahsíl, where a very large area had been sown. There has been no rain to speak of during the month, and the people owing to fever were unable to sow much of the rabi when the soil was still moist. Rabi sowings are therefore very late. |
| | Wazirabad ... | 0·54 | ... | 0·54 | 0·10 | 0·10 | ... | 0·10 | |
| | **Sadr Kacheri** ... | **0·58** | ... | **0·58** | **0·05** | **0·05** | ... | **0·05** | |
| | Shekhupura ... | 0·25 | ... | 0·25 | ... | ... | ... | ... | |
| | Háfizabad ... | 0·41 | ... | 0·41 | 0·02 | 0·02 | ... | 0·02 | |
| | Maluana (c) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot (c) ... | ... | ... | ... | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | ... | ... | ... | ... | ... | ... | ... | There has been little rain, and the season is not favourable for the rabi sowings on unirrigated land. The kharíf outturn has been generally below average, specially in the Mohár. Locusts appeared on the Chenab, but did little damage. Fodder is plentiful. |
| | Sahiwál ... | ... | ... | ... | 0·50 | 0·50 | ... | 0·50 | |
| | Núrpur ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána ... | 0·12 | ... | 0·12 | ... | ... | ... | ... | |
| | Sakesar ... | 0·09 | ... | 0·09 | ... | ... | ... | ... | |
| | Naushahra ... | 0·27 | ... | 0·27 | ... | ... | ... | ... | |
| | Khusháb ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | |
| | **Shahpur** ... | 0·17 | ... | 0·17 | 0·34 | 0·34 | ... | 0·34 | |
| | Bhera ... | 0·15 | ... | 0·15 | 0·64 | 0·64 | ... | 0·64 | |
| | Miáni ... | 0·10 | ... | 0·10 | 1·00 | 1·00 | ... | 1·00 | |
| Jhelum. | Pind Dádan Khan ... | 0·33 | ... | 0·33 | 1·08 | 1·08 | ... | 1·08 | Kharíf crops have been gathered. Outturn of grain fair in Tahsíls Talagang and Pind Dádan Khan and good in Chakwal, while in Jhelum average. Rabi crops are being sown. No inundation in the river. |
| | **Sadr Station** ... | 0·55 | ... | 0·55 | 0·92 | 0·92 | ... | 0·92 | |
| | Chakwál ... | 0·39 | ... | 0·39 | 2·03 | 2·03 | ... | 2·03 | |
| | Talagang ... | 0·51 | ... | 0·51 | 0·25 | 0·25 | ... | 0·25 | |
| Rawalpindi. | Pindigheb ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Fatahjang ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | ... | ... | ... | ... | ... | ... | ... | |
| | **Rawalpindi** ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahuta ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree ... | ... | ... | ... | ... | ... | ... | ... | |
| Hazara. | **Abbott-abad** ... | 1·07 | ... | 1·07 | 1·21 | 1·21 | ... | 1·21 | Slight rain. Kharíf crop cut and is being removed. Rabi crop sown throughout. In some places not yet sown owing to want of rain. In some parts of Haripur Tahsíl rabi crop sown on dry lands. Prices stationary. Water in water-cuts and channels sufficient. Revenue Assistant has been on tour from 1st to 9th, 11th to 13th 21st to 31st, total 23 days in October 1890. Owing to the other two officers having to appear at the examination the Revenue Assistant has been in charge of Treasury: hence he was not able to spend the remaining 8 days on tour. |
| | Mánsahra ... | 0·84 | ... | 0·84 | 1·35 | 1·35 | ... | 1·35 | |
| | Haripur ... | 0·72 | ... | 0·72 | 1·60 | 1·60 | ... | 1·60 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Peshawar. | Sawábi ... | 0·24 | ... | 0·24 | 1·01 | 1·01 | ... | 1·01 | Kharíf crops on irrigated lands fair; bad on unirrigated lands. Rabi sowings are in progress. Fodder-supply insufficient. Water in the canals stationary in some and low in others. No floods from hill torrents. The Revenue Assistant was 15 days on tour during the month; he had to go to Lahore for an examination. |
| | Lahore (Utmán Bolak) | 0·28 | ... | 0·28 | 0·89 | 0·89 | ... | 0·89 | |
| | Naushahra ... | 0·29 | ... | 0·29 | 0·35 | 0·35 | ... | 0·35 | |
| | Mardán ... | 0·34 | ... | 0·34 | 0·73 | 0·73 | ... | 0·73 | |
| | Katlang ... | 0·28 | ... | 0·28 | 0·68 | 0·68 | ... | 0·68 | |
| | Hashtnagar ... | 0·22 | ... | 0·22 | 0·06 | 0·06 | ... | 0·06 | |
| | Doáb Daudzai ... | 0·24 | ... | 0·24 | 0·33 | 0·33 | ... | 0·33 | |
| | **Peshawar ...** | **0·25** | ... | **0·25** | **0·20** | **0·20** | ... | **0·20** | |
| Kohat. | **Kohat ...** | **0·66** | ... | **0·66** | **0·21** | **0·21** | ... | **0·21** | There was some rain in the beginning of the month followed by a flow of water in the Toi which did a little good to the standing crops on irrigated lands, but the crops suffered in a large number of villages from insufficiency of water in the Toi. Crops on the baráni lands in most of the villages of the Kohát Tahsíl have also failed for want of water. Rabi sowings have not yet commenced on these lands on account of the same cause. Munshi Muhammad Azim Khán, Revenue Extra Assistant Commissioner, was on tour in the district for 20 days for the inspection of kharíf girdáwari. |
| | Hangu ... | ... | ... | ... | 0·30 | 0·30 | ... | 0·30 | |
| | Thal ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | ... | ... | ... | 0·48 | 0·48 | ... | 0·48 | |
| Bannu. | Miánwáli ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | Kharíf crop is good. Price of wheat stationary. Locusts appeared, but no damage done to crops. Revenue Extra Assistant Commissioner spent 24 days in girdáwari. Canals working well. |
| | Isa Khel ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | |
| | **Bannu ...** | **0·17** | ... | **0·17** | ... | ... | ... | ... | |
| | Marwat ... | 0·18 | ... | 0·18 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | ... | ... | ... | ... | ... | ... | .. | No rain during the month. Kharíf crops being cut. Rabi sowings in progress. Locusts appeared in the Kuláchi, Dera, Bhakkar and Leiah Tahsíls, but did little damage to the crops. The Revenue Extra Assistant Commissioner was on tour for the most part of the month. |
| | Kuláchi ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | |
| | **Dera I. Khan** ... | **0·14** | ... | **0·14** | ... | ... | ... | ... | |
| | Bhakkar ... | 1·00 | ... | 1·00 | ... | ... | ... | ... | |
| | Leiah ... | 0·07 | ... | 0·07 | ... | ... | ... | ... | |
| D. G. Khan. | Sangarh ... | 0·04 | ... | 0·04 | ... | ... | ... | ... | Condition of kharíf crop average. Rabi being sown. Locusts appeared in three villages of the Sangarh Tashíl and passed on to the west without doing any injury to crops. Fever is still raging in the district. No hill torrents. Canals do not work in the winter.<br>The following officers were on tour during the month :—<br>Rai Amír Chand, Revenue Extra Assistant Commissioner, 14 days.<br>Sheikh Ali Muhammad, Extra Assistant Commissioner, 11 days. |
| | **Dera G. Khan** ... | **0·06** | ... | **0·06** | ... | ... | ... | ... | |
| | Fort Munro ... | 0·17 | ... | 0·17 | ... | ... | ... | ... | |
| | Jámpur ... | 0·04 | ... | 0·04 | ... | ... | ... | ... | |
| | Rájanpur ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | |
| Muzaffargarh. | Alipur ... | 0·15 | ... | 0·15 | ... | ... | ... | ... | Cotton being collected, which is fair. |
| | **Muzaffargarh** ... | **0·09** | ... | **0·09** | **0·56** | **0·56** | ... | **0·56** | Cotton being collected. Locusts passed through the tahsíl, but did not settle down. |
| | Sináuwán ... | 0·07 | ... | 0·07 | ... | ... | .. | ... | Rabi crops being sown.<br>With the exception of Nangni canal all the canals are dry. The Revenue Officer was out in camp for a week during the month. He was called to Sadr for census and other works. |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

**Memo. of errors to the Agricultural Prospect Report for the month of September 1890.**

Against *Nagar (Kángra District)*—insert in columns 6, 8 and 9, 3·22, 30·55 and 39·59 instead of 3·12, 30·45 and 39·49, respectively.

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 18th OCTOBER 1890.

| No | Districts. | Towns. | Population | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 10 | 11 | 21 | 11 | 6 | 5 | ... | ... | 5 | 1 | ... | 5 | 1 | 3 | 4 | 77 | [illegible] |
| 2 | | Hansi ... | 12,656 | 10 | 6 | 16 | 16 | 9 | 7 | ... | ... | 7 | 4 | ... | 5 | 1 | 2 | 3 | 66 | [illegible] |
| 3 | | Bhiwani ... | 33,762 | 16 | 13 | 29 | 33 | 11 | 22 | ... | ... | 14 | 6 | ... | 13 | ... | 7 | 7 | 45 | [illegible] |
| 4 | | Sirsa ... | 12,292 | 11 | 8 | 19 | 12 | 8 | 4 | ... | ... | 9 | ... | ... | 3 | 4 | 3 | 7 | 81 | [illegible] |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 9 | 13 | 9 | 5 | 4 | ... | ... | 3 | ... | ... | 6 | 3 | 1 | 4 | 43 | 8 |
| 6 | | Jhajjar ... | 11,650 | 5 | 3 | 8 | 3 | 1 | 2 | ... | ... | 1 | ... | ... | 2 | ... | 1 | 1 | 36 | 1 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 22 | 14 | 36 | 16 | 11 | 5 | ... | ... | 4 | 9 | ... | 3 | 2 | ... | 2 | 77 | 3 |
| 8 | | Palwal ... | 10,635 | 4 | 6 | 10 | 6 | 2 | 4 | ... | ... | 2 | 2 | ... | 2 | 1 | 1 | 2 | 49 | 2 |
| 9 | Delhi ... | Delhi ... | 117,363 | 65 | 67 | 132 | 123 | 63 | 60 | ... | ... | 84 | 3 | ... | 36 | 16 | 24 | 40 | 59 | 5 |
| 10 | | " Suburbs ... | 52,882 | 20 | 11 | 31 | 34 | 21 | 13 | ... | ... | 17 | 1 | 3 | 13 | 4 | 2 | 6 | 31 | 3 |
| 11 | | Sonepat ... | 13,077 | 2 | 6 | 8 | 13 | 6 | 7 | ... | ... | 11 | ... | ... | 2 | ... | 2 | 2 | 32 | 5 |
| 12 | Karnal ... | Karnal ... | 23,133 | 17 | 13 | 30 | 29 | 11 | 18 | ... | ... | 19 | 3 | ... | 7 | 3 | 8 | 11 | 68 | 6 |
| 13 | | Kaithal ... | 14,754 | 4 | 5 | 9 | 14 | 8 | 6 | ... | ... | 4 | 2 | ... | 8 | 3 | 3 | 6 | 32 | 4 |
| 14 | | Panipat ... | 26,572 | 8 | 9 | 17 | 54 | 20 | 34 | ... | ... | 30 | 7 | ... | 17 | 8 | 7 | 15 | 33 | 10 |
| 15 | Umballa ... | Umballa ... | 26,777 | 13 | 13 | 26 | 91 | 41 | 50 | ... | 1 | 51 | 23 | ... | 16 | 6 | 10 | 16 | 51 | 17 |
| 16 | | Jagadhri ... | 12,300 | 5 | 6 | 11 | 7 | 3 | 4 | ... | ... | 2 | ... | ... | 5 | 2 | 2 | 4 | 47 | 3 |
| 17 | | Shahabad ... | 10,218 | 3 | 2 | 5 | 14 | 9 | 5 | ... | ... | 9 | 1 | ... | 4 | 4 | 1 | 5 | 26 | 7 |
| 18 | | Sadhaura ... | 10,794 | 3 | 3 | 6 | 14 | 9 | 5 | ... | ... | 7 | 1 | ... | 6 | 3 | 3 | 6 | 29 | 6 |
| 19 | | Rupar ... | 10,326 | 1 | 4 | 5 | 5 | 4 | 1 | ... | ... | 2 | ... | ... | 3 | 2 | ... | 2 | 25 | 2 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 3 | 9 | 12 | 26 | 9 | 17 | ... | ... | 16 | 3 | ... | 7 | 1 | 5 | 6 | 47 | 10 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 3 | 8 | 19 | 7 | 12 | ... | ... | 12 | 4 | ... | 3 | ... | 6 | 6 | 41 | 9 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 26 | 25 | 51 | 22 | 12 | 10 | ... | ... | 6 | 9 | ... | 7 | 4 | 3 | 7 | 85 | 3 |
| 23 | | " Suburbs ... | 11,474 | 4 | 7 | 11 | 11 | 4 | 7 | ... | ... | 9 | 1 | ... | 1 | ... | ... | ... | 50 | 5 |
| 24 | | Rahon ... | 11,736 | 3 | 6 | 9 | 17 | 10 | 7 | ... | ... | 14 | 2 | ... | 1 | 4 | 1 | 5 | 40 | 7 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 19 | 24 | 43 | 61 | 27 | 34 | ... | 2 | 51 | 1 | ... | 7 | 6 | 7 | 13 | 51 | 7 |
| 26 | | Jagraon ... | 16,873 | 6 | 8 | 14 | 16 | 7 | 9 | ... | ... | 11 | 1 | 1 | 3 | 2 | 2 | 4 | 43 | 49 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 13 | 8 | 21 | 34 | 14 | 20 | ... | ... | 23 | 5 | ... | 6 | 3 | 5 | 8 | 52 | 85 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 21 | 19 | 40 | 22 | 7 | 15 | ... | ... | 11 | ... | ... | 11 | 4 | 9 | 13 | 65 | 36 |
| 29 | | " Suburbs ... | 25,593 | 21 | 16 | 37 | 33 | 17 | 26 | ... | ... | 14 | 4 | ... | 15 | 12 | 8 | 20 | 75 | 67 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 12 | 9 | 21 | 22 | 14 | 8 | ... | ... | 10 | 2 | ... | 10 | 7 | 4 | 11 | 87 | 91 |
| 31 | | Chiniot ... | 11,191 | 6 | 2 | 8 | 8 | 6 | 2 | ... | ... | 6 | ... | ... | 2 | 1 | 1 | 2 | 37 | 37 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 40 | 41 | 81 | 159 | 80 | 79 | 1 | ... | 124 | 7 | 1 | 26 | 17 | 19 | 36 | 43 | 85 |
| 33 | | " Suburbs ... | 41,670 | 14 | 8 | 22 | 54 | 32 | 22 | ... | ... | 41 | 3 | ... | 10 | 6 | 2 | 8 | 28 | 68 |
| 34 | | Kasur ... | 17,336 | 12 | 5 | 17 | 30 | 15 | 15 | ... | ... | 26 | ... | ... | 4 | 5 | 3 | 8 | 51 | 90 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 73 | 63 | 136 | 281 | 131 | 150 | ... | ... | 169 | 16 | ... | 96 | 28 | 47 | 75 | 49 | 102 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 7 | 7 | 14 | 31 | 11 | 20 | ... | ... | 22 | 2 | ... | 7 | 1 | 6 | 7 | 30 | 67 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 24 | 19 | 43 | 101 | 57 | 44 | ... | ... | 73 | 13 | 1 | 14 | 10 | 3 | 13 | 66 | 156 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 2 | 1 | 3 | 173 | 82 | 91 | ... | ... | 166 | 3 | ... | 4 | 5 | 8 | 13 | 8 | 431 |
| 39 | | Jalalpur ... | 12,839 | 5 | 4 | 9 | 58 | 29 | 29 | ... | ... | 51 | 7 | ... | ... | 3 | 5 | 8 | 37 | 236 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 5 | 13 | 18 | 54 | 29 | 25 | ... | ... | 43 | 2 | ... | 9 | 8 | 7 | 15 | 41 | 123 |
| 41 | | Wazirabad ... | 16,462 | 9 | 5 | 14 | 89 | 45 | 44 | 1 | ... | 80 | 3 | ... | 5 | 7 | 6 | 13 | 44 | 282 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 7 | 4 | 11 | 13 | 4 | 9 | ... | ... | 13 | ... | ... | ... | 1 | ... | 1 | 38 | 45 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 11 | 5 | 16 | 20 | 9 | 11 | ... | ... | 16 | ... | ... | 4 | 3 | 4 | 7 | 50 | 63 |
| 44 | | Pind Dadan Khan ... | 16,724 | 8 | 2 | 10 | 20 | 12 | 8 | ... | ... | 13 | 2 | ... | 5 | 3 | 1 | 4 | 31 | 62 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 17 | 9 | 26 | 22 | 12 | 10 | ... | ... | 17 | 2 | ... | 3 | 5 | ... | 5 | 49 | 41 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 31 | 22 | 53 | 43 | 19 | 24 | ... | ... | 31 | 1 | ... | 11 | 3 | 5 | 8 | 47 | 38 |
| 47 | Kohat ... | Kohat ... | 13,490 | 5 | 8 | 13 | 4 | 1 | 3 | ... | ... | 2 | ... | ... | 2 | ... | 1 | 1 | 50 | 15 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 11 | 10 | 21 | 8 | 5 | 3 | ... | ... | 3 | 2 | ... | 3 | 3 | ... | 3 | 58 | 22 |
| 49 | D. G. Khan ... | Dera Ghazi Khan ... | 19,687 | 8 | 10 | 18 | 17 | 10 | 7 | ... | ... | 8 | 2 | ... | 7 | 2 | 2 | 4 | 48 | 45 |
| | Birth and death rate of London for the week ending 27th September 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·0 | 17·2 |
| | Grand Total ... | | 1,311,790 | 651 | 581 | 1,232 | 1,972 | 965 | 1,007 | 2 | 3 | 1,362 | 160 | 6 | 439 | 217 | 250 | 467 | 49 | 78 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... ... | 12,305 | 1 | 1 | 2 | 3 | 3 | ... | ... | 1 | ... | ... | ... | 2 | ... | ... | ... | 8 | 13 |
| | Dharmsala | ... ... ... ... | 3,839 | 2 | 1 | 3 | 2 | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 41 | 27 |
| | Dalhousie | ... ... ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree | ... ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 8th November 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 18th October 1890.*

*General Results.*—The return is incomplete, the registers for the Ajnala Police Station in the Amritsar District not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 36,653 against 38,651 in the previous week and 16,053 in the corresponding week of the past year, giving respectively an annual death-rate of 102·1, 107·7 and 44·7 per 1,000 of population. The registered death-rate, though 5 6 per 1,000 less than the rate recorded last week, was 58·3 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 12 deaths registered under the head of cholera against 40 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. | REMARKS. |
|---|---|---|---|
| Delhi ... ... | Rural Circle ... ... ... | 2 | |
| Umballa ... ... | Rural Circles ... ... ... | 8 | |
| Lahore ... ... | Lahore Town ... ... ... | 1 | |
| Gujranwala ... ... | Wazirabad Town ... ... | 1 | |
| | Total ... | 12 | |

*Small-pox.*—From small-pox 52 deaths were registered against 69 in the previous week and 32 in the corresponding week of the past year.

*Fevers.*—From fevers there were 32,158 deaths against 33,734 in the previous week and 12,244 in the corresponding week of the past year. There were 1,576 fewer deaths registered under the head of fevers than in the previous week. The death-rate from these causes was, however, at the exceedingly high rate of 89·6 per 1,000. In the districts of Sialkot and Gujrat the deaths registered under fevers were rather less numerous than in the previous week in Gujranwala; there were 93 more fever deaths registered than in the week ending 11th October. The recorded fever mortality of the districts of Sialkot, Gujrat and Gujranwala was at the annual respective rates of 377, 266 and 277 per 1,000.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 685 deaths against 744 in the previous week and 504 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Five hundred and fourteen against 594 and 603.

*Snake-bite.*—Sixteen against 19 and 16.

*Hydrophobia.*—Three against 2 and 1.

*All other causes.*—Three thousand two hundred and thirteen against 3,449 in the previous week and 2,622 in the corresponding week of the past year.

*Infantile mortality.*—Seven thousand eight hundred and sixty-eight deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 3,990 were males and 3,878 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,972 deaths were registered (965 males and 1,007 females), giving a death-rate of 78 per mille of population; 1,232 births were registered (651 males and 581 females), giving a birth-rate of 49 per mille of population. The registered mortality of the 49 large towns was 25·6 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889, but was 25·5 per 1,000 less than the registered death-rate of the rest of the Province.

LAHORE:
*The 8th November 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of September* 1890 *as compared with the same month of the previous year.*

| | Staples. | Total 1890. | Total 1889. | Increase. | Decrease. | Remarks. |
|---|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. | |
| I | Coal and Coke ... | 1,387 | 864 | 523 | ... | |
| II | Cotton, Raw— | | | | | |
| | Cotton, full-pressed ... | 64 | 467 | ... | 403 | |
| | Do., intermediate and half-pressed. | 11 | 11 | ... | ... | |
| | Do., unpressed ... | 233 | 97 | 136 | ... | |
| III | Cotton twist and yarn ... | 499 | 339 | 160 | ... | |
| IV | Cotton piece-goods— | | | | | |
| | (1) European ... | 1,032 | 1,538 | ... | 506 | |
| | (2) Indian ... | 595 | 447 | 148 | ... | |
| V | Drugs and medicines ... | 66 | 54 | 12 | ... | |
| VI | Dye roots and colours ... | 315 | 215 | 100 | ... | |
| VII | Firewood ... | 273 | 232 | 41 | ... | |
| VIII | Grains— | | | | | |
| | (1) Wheat ... | 4,154 | 6,284 | ... | 2,130 | |
| | (2) Other grains ... | 20,535 | 9,176 | 11,359 | ... | |
| IX | Hay and grass ... | 1 | 33 | ... | 32 | |
| X | Hides and skins ... | 262 | 356 | ... | 94 | |
| XI | Flax, hemp and jute— | | | | | |
| | (1) Raw ... | 51 | 60 | ... | 9 | |
| | (2) Gunny bags ... | 652 | 499 | 153 | ... | |
| XII | Leather manufactured ... | 48 | 93 | ... | 45 | |
| XIII | Liquors, wines, spirits and beer ... | 163 | 130 | 33 | ... | |
| XIV | Machinery ... | 226 | 64 | 162 | ... | |
| XV | Metals— | | | | | |
| | (1) Iron and Steel ... | 1,058 | 1,277 | ... | 219 | |
| | (2) Brass and Copper ... | 268 | 407 | ... | 139 | |
| | (3) Zinc and Spelter ... | 98 | 97 | 1 | ... | |
| | (4) Lead ... | 7 | 4 | 3 | ... | |
| | (5) Others ... | 383 | 236 | 147 | ... | |
| XVI | Military Stores ... | 414 | 322 | 92 | ... | |
| XVII | Mowra flowers and seeds ... | 92 | 160 | ... | 68 | |
| XVIII | Oils— | | | | | |
| | (1) Kerosine ... | 1,542 | 413 | 1,129 | ... | |
| | (2) Others ... | 233 | 446 | ... | 213 | |
| XIX | Oil Seeds— | | | | | |
| | (1) Linseed ... | 207 | 620 | ... | 413 | |
| | (2) Rape seed ... | 88 | 3,337 | ... | 3,249 | |
| | (3) Other oil seeds ... | 2,003 | 1,303 | 700 | ... | |
| XX | Opium ... | 92 | 136 | ... | 44 | |
| XXI | Provisions— | | | | | |
| | (1) Ghi ... | 446 | 452 | ... | 6 | |
| | (2) Dried Fruits and Nuts ... | 223 | 213 | 10 | ... | |
| | (3) Cocoanuts ... | 171 | 267 | ... | 96 | |
| | (4) Oilman stores ... | 10 | 9 | 1 | ... | |
| | (5) Fruits, green, and vegetables... | 462 | 554 | ... | 92 | |
| | (6) Others ... | 204 | 285 | ... | 81 | |
| XXII | Railway material and rolling stock ... | 6,617 | 6,546 | 71 | ... | |
| XXIII | Salt ... | 16,548 | 14,665 | 1,883 | ... | |
| XXIV | Saltpetre ... | 150 | 193 | ... | 43 | |
| XXV | Silk, raw and manufactured ... | 22 | 73 | ... | 51 | |
| XXVI | Spices ... | 157 | 127 | 30 | ... | |
| XXVII | Sugar and jagri ... | 4,847 | 3,294 | 1,553 | ... | |
| XXVIII | Stones and lime— | | | | | |
| | (1) Marble ... | 507 | 590 | ... | 83 | |
| | (2) Others ... | 980 | 416 | 564 | ... | |
| XXIX | Tea— | | | | | |
| | (1) Foreign ... | 37 | 54 | ... | 17 | |
| | (2) Indian ... | 8 | 17 | ... | 9 | |
| XXX | Timber ... | 567 | 384 | 183 | ... | |
| XXXI | Tobacco ... | 478 | 599 | ... | 121 | |
| XXXII | Wool— | | | | | |
| | (1) Raw ... | 107 | 278 | ... | 171 | |
| | (2) Piece-goods, woollen ... | 404 | 21 | 383 | ... | |
| XXXIII | All other articles ... | 6,216 | 5,602 | 614 | ... | |
| | Total ... | 76,213 | 64,356 | 20,191 | 8,334 | |
| | *Net* Increase ... | ... | ... | 11,857 | ... | |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The* 21*st October* 1890.

J. O'CONNELL,
*Chief Auditor and Accountant.*

Punjab Government Press, Lahore—13-11-90—690.

No. 47 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 20, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 18th NOVEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Fluctuating. | Reapings progressing. | Cultivation in progress. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Sowings in progress. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | Crops reaped. | Crops being sown. |
| 5 | Ferozepore ... | ... | Do. | Do. | Crops inferior for want of rain. | Rain badly wanted for rabi sowings. |
| 6 | Amritsar ... | ... | Do. | Do. | Crops harvested. | Sowings in progress. Canals working well. |
| 7 | Siálkot ... | ... | Do. | Do. | Rice being husked. Cotton being plucked. | Sowing almost finished. |
| 8 | Lahore ... | ... | Do. | Do. | Prospects of standing crops so far good. | Sowings of barley still in progress. Rain much wanted. |
| 9 | Mooltan ... | ... | Plentiful except in Chak Rawa. | Do. | ... | Sowings in progress. |
| 10 |Ráwalpindi ... | ... | Sufficient. | Rising. | ... | Prospects average. |
| 11 | Shahpur ... | ... | Do. | Do. | ... | Wheat and poppy crops being sown. |
| 12 | D. I. Khan ... | ... | Fodder supply average. | Do. | Harvest being cut. | Sowings in progress. |
| 13 | Peshâwar ... | ... | Sufficient. | Do. | ... | Wheat and barley sowings in progress. Prospects fair. |

*GENERAL REMARKS.*

Rainfall *nil*. Prices unsettled in Delhi; rising in Ráwalpindi, Shahpur, Dera Ismail Khan and Peshâwar; stationary elsewhere. Harvesting of kharif crops nearly over. Rabi sowings in progress. Rain much wanted in Hissar, Ferozepore and Lahore. Prospects of rabi crops are generally reported fair. Kharif crop inferior for want of rain in Ferozepore. Fodder sufficient in all districts except in parts of Mooltan. Poppy sowings commenced in Shahpur.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## RAIN RETURNS, PUNJAB.

### WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. Week ending 26th October 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Monday 20th. | Tuesday 21st. | Wednesday 22nd. | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | Total. | Special Remarks. |
| Mooltan. | Shujabad ... | 23rd August ... | 0·06 | ... | ... | ... | ... | ... | ... | 0·06 | |

### Weekly Rain Report for the week ending 8th November 1890.

Memo.—There has been no rainfall. Every return received is blank.

Deputy Commissioner, Gujrát, reports that the rabi sowings are in progress.

Deputy Commissioner, Gujránwála, reports that the rain is much needed for rabi sowings. Kharíf threshings completed. The outturn is about the average. Fodder sufficient. Prices stationary.

Returns not received from Farukhnagar, Tauru, Hodal, Sohna and Punhána (Gurgaon District) and Kilba (Simla Districts.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF ROHTAK, SIMLA AND MOOLTAN FOR THE MONTH OF OCTOBER 1890, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 13th NOVEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Station. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Rohtak. | **Rohtak** ... | **0·45** | ... | **0·45** | **0·50** | **0·50** | ... | **0·50** | Kharif harvesting nearly completed in all four tahsils. A good shower of rain in the north and east of the Rohtak Tahsil, which enabled a good deal of rabi to be sown. General health good. |
| | Gohána ... | 0·35 | ... | 0·35 | 0·14 | 0·14 | ... | 0·14 | |
| | Sámpla ... | 0·35 | ... | 0·35 | 0·47 | 0·47 | ... | 0·47 | |
| | Jhajjar ... | 0·30 | ... | 0·30 | ... | ... | ... | ... | |
| Simla. | Kasauli ... | 1·10 | ... | 1·10 | ... | ... | ... | ... | Condition of crops good except that in some of the villages locusts have greatly damaged the crops. |
| | Barauli ... | 0·86 | ... | 0·86 | ... | ... | ... | ... | |
| | **Simla** ... | **1·38** | ... | **1·38** | **0·45** | **0·45** | ... | **0·45** | |
| | Kot Khái ... | 1·28 | ... | 1·28 | ... | ... | ... | ... | |
| | Kotgarh ... | 1·41 | ... | 1·41 | ... | ... | ... | ... | |
| | Kilba ... | 1·73 | ... | 1·73 | 0·07 | 0·07 | ... | 0·07 | |
| Mooltan. | Mailsi ... | 0·07 | ... | 0·07 | ... | ... | ... | ... | Kharíf being gathered. Ploughings for rabi in progress. The District Revenue Extra Assistant Commissioner was in camp for 23 days during the month of October 1890. |
| | Lodhrán ... | 0·10 | ... | 0·10 | ... | ... | ... | ... | |
| | Shujabad ... | 0·12 | ... | 0·12 | 0·06 | 0·06 | ... | 0·06 | |
| | **Mooltan** ... | **0·12** | ... | **0·12** | ... | ... | ... | ... | |
| | Kabírwála ... | 0·11 | ... | 0·11 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF GUJRAT AND RAWALPINDI FOR THE MONTH OF OCTOBER 1890, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE "PUNJAB GAZETTE" OF 13th NOVEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Station. | 1st October to 31st October. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 31st October 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| GUJRAT. | **Sadr** ... | 0·51 | ... | 0·51 | 0·55 | 0·55 | ... | 0·55 | A large aren is being sown for rabi as season is very favorable. Kharíf crops have turned out well and were above the average. No floods from hill torrents. Settlement Collector was in camp for 11 days during the month. |
| | **Khárián** ... | 0·65 | ... | 0·65 | 0·46 | 0·46 | ... | 0·46 | |
| | **Phália** ... | 0·39 | ... | 0·39 | 0·23 | 0·23 | ... | 0·23 | |
| RAWALPINDI. | **Pindigheb** ... | 0·42 | ... | 0·42 | 1·60 | 1·60 | ... | 1·60 | Rabi being sown. Health of people good. The Revenue Officer was supervising the girdáwari work from 6th to 15th October and from 28th to 31st October 1890. |
| | **Fatahjang** ... | 0·57 | ... | 0·57 | 0·52 | 0·52 | ... | 0·52 | |
| | **Attock** ... | 0·20 | ... | 0·20 | 1·10 | 1·10 | ... | 1·10 | |
| | **Rawalpindi** ... | 0·56 | ... | 0·56 | 0·70 | 0·70 | ... | 0·70 | |
| | **Gujar Khan** ... | 1·37 | ... | 1·37 | 0·60 | 0·60 | ... | 0·60 | |
| | **Kahúta** ... | 0·43 | ... | 0·43 | 0·84 | 0·84 | ... | 0·84 | |
| | **Murree** ... | 2·17 | ... | 2·17 | 3·40 | 3·40 | ... | 3·40 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 25th OCTOBER 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhoea. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 6 | 7 | 13 | 8 | ... | 8 | ... | ... | 6 | 2 | ... | ... | ... | ... | ... | 48 | 29 |
| 2 | | Hansi ... | 12,656 | 3 | 5 | 8 | 9 | 2 | 7 | ... | ... | 6 | 2 | ... | 1 | ... | 3 | 3 | 33 | 37 |
| 3 | | Bhiwani ... | 33,762 | 18 | 13 | 31 | 41 | 11 | 30 | ... | ... | 9 | 5 | ... | 27 | 4 | 10 | 14 | 48 | 63 |
| 4 | | Sirsa ... | 12,292 | 8 | 9 | 17 | 8 | ... | 8 | ... | ... | 8 | ... | ... | ... | ... | 2 | 2 | 72 | 34 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 5 | 8 | 13 | 8 | 4 | 4 | ... | ... | 5 | 1 | ... | 2 | 2 | 2 | 4 | 43 | 27 |
| 6 | | Jhajjar ... | 11,650 | 5 | 2 | 7 | 6 | ... | 6 | ... | ... | 1 | ... | ... | 5 | ... | 1 | 1 | 31 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 11 | 16 | 27 | 11 | 4 | 7 | ... | ... | 10 | 1 | ... | ... | ... | 1 | 1 | 57 | 23 |
| 8 | | Palwal ... | 10,635 | 3 | 11 | 14 | 4 | ... | 4 | ... | ... | 1 | 2 | ... | 1 | ... | ... | ... | 69 | 20 |
| 9 | Delhi ... | Delhi ... | 117,363 | 50 | 55 | 105 | 132 | 69 | 63 | ... | ... | 100 | 6 | ... | 26 | 15 | 13 | 28 | 47 | 59 |
| 10 | | " Suburbs ... | 52,882 | 23 | 24 | 47 | 15 | 10 | 5 | ... | ... | 12 | 1 | ... | 2 | 2 | ... | 2 | 46 | 15 |
| 11 | | Sonepat ... | 13,077 | 8 | 6 | 14 | 5 | 1 | 4 | ... | ... | 4 | ... | ... | 1 | 1 | ... | 1 | 56 | 20 |
| 12 | Karnal ... | Karnal ... | 23,133 | 5 | 7 | 12 | 20 | 8 | 12 | ... | 1 | 14 | 2 | ... | 3 | 2 | 2 | 4 | 27 | 45 |
| 13 | | Kaithal ... | 14,754 | 7 | 3 | 10 | 16 | 10 | 6 | ... | ... | 10 | 2 | ... | 4 | 4 | 1 | 5 | 35 | 57 |
| 14 | | Panipat ... | 26,572 | 10 | 3 | 13 | 54 | 29 | 25 | ... | ... | 31 | 9 | ... | 14 | 6 | 7 | 13 | 26 | 106 |
| 15 | Umballa ... | Umballa ... | 26,777 | 6 | 7 | 13 | 76 | 37 | 39 | ... | ... | 43 | 21 | ... | 12 | 4 | 6 | 10 | 25 | 148 |
| 16 | | Jagadhri ... | 12,300 | 3 | 5 | 8 | 9 | 7 | 2 | ... | ... | 6 | 1 | ... | 2 | ... | ... | ... | 34 | 38 |
| 17 | | Shahabad ... | 10,218 | 2 | 1 | 3 | 20 | 4 | 16 | ... | ... | 13 | 6 | ... | 1 | 1 | 2 | 3 | 15 | 102 |
| 18 | | Sadhaura ... | 10,794 | 2 | 2 | 4 | 12 | 5 | 7 | ... | ... | 5 | 3 | ... | 4 | 3 | 1 | 4 | 19 | 58 |
| 19 | | Rupar ... | 10,326 | 6 | 8 | 14 | 12 | 6 | 6 | ... | ... | 7 | 4 | ... | 1 | 2 | 1 | 3 | 71 | 61 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 5 | 14 | 19 | 22 | 8 | 14 | ... | ... | 9 | 5 | ... | 8 | 2 | 4 | 6 | 75 | 86 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 4 | 9 | 7 | 2 | 5 | ... | ... | 7 | ... | ... | ... | ... | ... | ... | 46 | 35 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 12 | 24 | 36 | 23 | 7 | 16 | ... | ... | 12 | 3 | ... | 8 | 3 | 5 | 8 | 60 | 38 |
| 23 | | " Suburbs ... | 11,474 | 8 | 4 | 12 | 13 | 5 | 8 | ... | ... | 6 | 1 | ... | 6 | 2 | 1 | 3 | 55 | 59 |
| 24 | | Rahon ... | 11,736 | 6 | 8 | 14 | 19 | 8 | 11 | ... | ... | 17 | ... | ... | 2 | 2 | 2 | 4 | 62 | 84 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 14 | 25 | 39 | 45 | 25 | 20 | ... | 1 | 36 | 1 | 1 | 6 | 7 | 4 | 11 | 46 | 53 |
| 26 | | Jagraon ... | 16,873 | 8 | 6 | 14 | 23 | 15 | 8 | ... | ... | 22 | 1 | ... | ... | 1 | 1 | 2 | 43 | 71 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 15 | 12 | 27 | 37 | 19 | 18 | ... | ... | 26 | 7 | ... | 4 | 7 | 8 | 15 | 67 | 92 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 12 | 16 | 28 | 23 | 10 | 13 | ... | ... | 16 | ... | ... | 7 | 5 | 6 | 11 | 46 | 38 |
| 29 | | " Suburbs ... | 25,593 | 20 | 20 | 40 | 29 | 12 | 17 | ... | ... | 14 | 2 | ... | 13 | 6 | 9 | 15 | 81 | 59 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 4 | 9 | 11 | 4 | 7 | ... | ... | 9 | ... | ... | 2 | 1 | 1 | 2 | 37 | 46 |
| 31 | | Chiniot ... | 11,191 | 8 | 9 | 17 | 12 | 5 | 7 | ... | ... | 6 | ... | ... | 6 | 1 | 3 | 4 | 79 | 56 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore | Lahore | 97,208 | 40 | 30 | 70 | 147 | 80 | 67 | ... | ... | 121 | 2 | ... | 24 | 19 | 13 | 32 | 38 | 79 |
| 33 | | " Suburbs | 41,670 | 9 | 8 | 17 | 39 | 24 | 15 | ... | ... | 24 | 1 | ... | 14 | 3 | 4 | 7 | 21 | 49 |
| 34 | | Kasur | 17,336 | 7 | 10 | 17 | 28 | 16 | 12 | ... | ... | 22 | 1 | ... | 5 | 3 | ... | 3 | 51 | 84 |
| 35 | Amritsar | Amritsar | 144,216 | 65 | 72 | 137 | 286 | 138 | 148 | 1 | ... | 181 | 19 | ... | 85 | 41 | 40 | 81 | 50 | 103 |
| 36 | Gurdaspur | Batala | 24,281 | 11 | 21 | 32 | 26 | 18 | 8 | ... | ... | 20 | ... | ... | 6 | 1 | 1 | 2 | 69 | 56 |
| 37 | Sialkot | Sialkot | 33,850 | 19 | 16 | 35 | 95 | 50 | 45 | ... | ... | 69 | 15 | ... | 11 | 5 | 6 | 11 | 54 | 146 |
| 38 | Gujrat | Gujrat | 18,743 | 2 | 2 | 4 | 168 | 90 | 78 | ... | ... | 164 | 2 | ... | 2 | 6 | 5 | 11 | 11 | 467 |
| 39 | | Jalalpur | 12,839 | 4 | 8 | 12 | 61 | 40 | 21 | ... | ... | 51 | 7 | ... | 3 | 2 | 3 | 5 | 49 | 248 |
| 40 | Gujranwala | Gujranwala | 22,884 | 13 | 5 | 18 | 47 | 22 | 25 | ... | ... | 41 | 2 | ... | 4 | 5 | 4 | 9 | 41 | 107 |
| 41 | | Wazirabad | 16,462 | 5 | 3 | 8 | 86 | 41 | 45 | 2 | ... | 72 | 5 | ... | 7 | 11 | 12 | 23 | 25 | 272 |
| 42 | Shahpur | Bhera | 15,165 | 12 | 6 | 18 | 27 | 17 | 10 | ... | ... | 20 | ... | ... | 7 | 3 | 2 | 5 | 62 | 93 |
| 43 | Jhelum | Jhelum | 16,634 | 3 | 3 | 6 | 18 | 9 | 9 | ... | ... | 15 | 3 | ... | ... | 3 | 2 | 5 | 19 | 56 |
| 44 | | Pind Dadan Khan | 16,724 | ... | 3 | 3 | 19 | 8 | 11 | ... | ... | 14 | 5 | ... | ... | 2 | 1 | 3 | 9 | 59 |
| 45 | Rawalpindi | Rawalpindi | 27,732 | 19 | 19 | 38 | 29 | 16 | 13 | ... | ... | 13 | 4 | ... | 12 | 5 | 6 | 11 | 71 | 55 |
| 46 | Peshawar | Peshawar | 59,292 | 31 | 27 | 58 | 34 | 19 | 15 | ... | ... | 19 | 1 | ... | 14 | 7 | 6 | 13 | 51 | 30 |
| 47 | Kohat | Kohat | 13,490 | 8 | 6 | 14 | 14 | 5 | 9 | ... | ... | 12 | ... | ... | 2 | 2 | 1 | 3 | 54 | 54 |
| 48 | D. I. Khan | Dera Ismail Khan | 18,988 | 7 | 9 | 16 | 15 | 6 | 9 | ... | ... | 7 | 2 | ... | 6 | 2 | 2 | 4 | 44 | 41 |
| 49 | D. G. Khan | Dera Ghazi Khan | 19,687 | 4 | 5 | 9 | 11 | 8 | 3 | ... | ... | 7 | 1 | ... | 3 | 2 | 1 | 3 | 24 | 29 |
| | Birth and death rate of London for the week ending 4th October 1890 is also given as a standard for comparison | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28·7 | 16·7 |
| | | Grand Total | 1,311,790 | 558 | 591 | 1,149 | 1,880 | 934 | 946 | 3 | 2 | 1,343 | 158 | 1 | 373 | 205 | 205 | 410 | 46 | 75 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla | ... | 12,305 | 1 | 2 | 3 | 11 | 7 | 4 | ... | 2 | 7 | ... | 1 | 1 | 1 | 1 | 2 | 13 | 47 |
| | Dharmsala | ... | 3,839 | 2 | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 | ... |
| | Dalhousie | ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree | ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 14th November 1890.*

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

***Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 25th October 1890.***

*General Results.*—The total deaths registered from all causes in the Province were 34,251 against 37,151 in the previous week and 17,381 in the corresponding week of the past year, giving respectively an annual death-rate of 94·8, 102·8 and 48·1 per 1,000 of population. Though still very high, the registered death-rate continues to fall. During the week under review it was 8 per 1,000 less than the rate registered in the previous week, but was considerably more than double 43·7 per 1,000, the average rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 11 deaths registered under the head of cholera against 12 in the previous week. The following statement gives the localities in which these deaths occurred :—

| Districts. | Towns and Rural Circles. | Deaths. |
|---|---|---|
| Delhi ... ... ... ... | Rural Circle ... ... ... | 6 |
| Umballa ... ... ... ... | Rural Circle ... ... ... | 2 |
| Amritsar ... ... ... ... | Amritsar ... ... ... | 1 |
| Gujranwala ... ... ... ... | Wazirabad ... ... ... | 2 |
| | Total ... | 11 |

*Small-pox.*—From small-pox 50 deaths were registered against 52 in the previous week and 52 in the corresponding week of the past year.

*Fevers.*—From fevers there were 30,034 deaths against 32,613 in the previous week and 13,549 in the corresponding week of the past year. The registered mortality from fevers is decidedly lower than that registered during the previous week, but it is still at the very high annual rate of 83·1 per 1,000. There were 1,511 fewer deaths registered from these causes in the districts of Sialkot, Gujrat and Gujranwala than in the previous week. The mortality from fevers in these districts were at the annual rates of 339, 250 and 230 per 1,000, respectively.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 660 deaths against 694 in the previous week and 516 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Four hundred and sixty against 519 and 556.

*Snake-bite.*—Eleven against 16 and 14.

*Hydrophobia.*—One against 3 and 4.

*All other causes.*—Three thousand and twenty-four against 3,242 in the previous week and 2,683 in the corresponding week of the past year.

*Infantile mortality.*—Seven thousand and seventeen deaths were registered in the Province amongst infants under one year of age, of which number 3,515 were males and 3,502 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,880 deaths were registered (934 males and 946 females), giving a death-rate of 75 per mille of population; 1,149 births were registered (558 males and 591 females), giving a birth-rate of 46 per mille of population. The registered mortality of the towns of Gujrat, Wazirabad and Jalalpur were at the very high annual rates of 467, 272 and 248 per 1,000, respectively.

LAHORE:
*The 14th November 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rájpura-Bhatinda Railway, during the month of September* 1890, *as compared with the same month of the previous year, prescribed in P. W. D. Circular No. XVII R. of July* 1883.

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 159 | 252 | 93 | ... | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and Coke ... | 1,428 | 3,503 | 2,075 | ... | |
| 3 | Cotton, raw ... | 153 | 181 | 28 | ... | |
| 4 | Cotton, Manufactured ... | 2,478 | 2,312 | ... | 166 | |
| 5 | Drugs and Medicines ... | 1,007 | 1,048 | 41 | ... | |
| 6 | Dyeing materials ... | 831 | 740 | ... | 91 | |
| 7 | Fibrous products ... | 1,331 | 1,632 | 301 | ... | |
| 8 | Fruits and Nuts ... | 1,412 | 1,386 | ... | 26 | |
| 9 | Grain and Pulses— | ... | ... | ... | ... | |
| | (a) Wheat ... | 33,611 | 44,921 | 11,310 | ... | |
| | (b) Gram ... | 2,620 | 13,968 | 11,348 | ... | |
| | (c) Other grain ... | 8,796 | 10,317 | 1,521 | ... | |
| 10 | Hides and Horns ... | 750 | 549 | ... | 201 | |
| 11 | Leather and manufactures of leather. | 215 | 179 | ... | 36 | |
| 12 | Liquors ... | 790 | 944 | 154 | ... | |
| 13 | Metals and manufactures of metals. | 2,682 | 2,587 | ... | 95 | |
| 14 | Military Stores ... | 2,402 | 1,028 | ... | 1,374 | |
| 15 | Oils ... | 1,443 | 1,604 | 161 | ... | |
| 16 | Provisions—Ghee, &c. ... | 1,851 | 2,646 | 795 | ... | |
| 17 | Railway materials ... | 9,977 | 2,583 | ... | 7,394 | |
| 18 | Salt ... | 5,766 | 7,311 | 1,545 | ... | |
| 19 | Saltpetre ... | 43 | 40 | ... | 3 | |
| 20 | Seeds ... | 3,265 | 2,955 | ... | 310 | |
| 21 | Silk ... | 28 | 31 | 3 | ... | |
| 22 | Spices ... | 578 | 451 | ... | 127 | |
| 23 | Stone, Kunkur, Lime and Bricks | 5,058 | 10,602 | 5,544 | ... | |
| 24 | Sugar ... | 4,126 | 4,937 | 811 | ... | |
| 25 | Tea ... | 178 | 200 | 22 | ... | |
| 26 | Tobacco ... | 792 | 1,105 | 313 | ... | |
| 27 | Wood— | ... | ... | ... | ... | |
| | (a) Timber ... | 2,454 | 2,016 | ... | 438 | |
| | (b) Fire-wood ... | 3,662 | 2,814 | ... | 848 | |
| 28 | Wool ... | 1,080 | 632 | ... | 448 | |
| 29 | All other articles of merchandize | 5,003 | 6,557 | 1,554 | ... | |
| | | No. | No. | No. | No. | |
| | Total ... { Animals ... | 159 | 252 | 93 | ... | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... { Goods ... | 1,05,810 | 1,31,779 | 25,969 | ... | |

LAHORE:
*The 8th November* 1890.

R. K. WILLIAMS,
*Examiner of Accounts.*

Punjab Government Press, Lahore—20-11-90—690.

No. 48. of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 27, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 25th NOVEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Fluctuating. | Reapings almost over. | Cultivation progressing. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Crops being sown. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | ... | Rain wanted. |
| 5 | Ferozepore ... | ... | Do. | Do. | ... | ... |
| 6 | Amritsar ... | 0·02 in Ajnála. | Do. | Do. | Condition of crops good. | Sowings in progress. |
| 7 | Siálkot ... | ... | Do. | Do. | Pressing of sugarcane commenced. | Sowings nearly completed. |
| 8 | Lahore ... | Weather cloudy and rainy. | Do. | Do. | ... | Sowings of wheat in progress. Prospects of standing crops so far good. Rain much wanted. |
| 9 | Mooltan ... | ... | Sufficient except in Chak Ráwa. | Do. | Crops harvested. | Sowings nearly finished. |
| 10 | Ráwalpindi ... | ... | Sufficient. | Do. | ... | Prospects average. |
| 11 | Shahpur ... | ... | Do. | Rising. | ... | Sowings in progress. Rain wanted. |
| 12 | D. I. Khan ... | 0·08 | Fodder supply average. | Do. | ... | Sowings still in progress. |
| 13 | Peshâwar ... | 0·04 | Sufficient. | Stationary. | ... | Wheat and barley sowings in progress. Prospects fair. |

*GENERAL REMARKS.*

Slight rain has fallen in Amritsar, Dera Ismail Khan and Peshâwar. The weather is cloudy and is raining in Lahore. Prices unsettled in Delhi; rising in Shahpur, Dera Ismail Khan; stationary elsewhere. Harvesting of kharif crops nearly over. Rabi sowings in progress. Rain much wanted in Hissar, Jullundur, Lahore and Shahpur. Prospects of standing crops are generally reported good so far. Sugarcane pressing commenced. Fodder sufficient in all districts except in parts of Mooltan.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 17 | 16 | 18 | 20 | 20 | 26 | ... | ... | ... | 12 | 10 | 10 | 21 | 20 | 25 | 21 | 20 | 22 |
| Rohtak ... | 18 | 17 | 18 | 18 | 19 | 22 | ... | ... | ... | 10 | 10 | 10 | 22 | 20 | 23 | 20 | 20 | 20 |
| Gurgaon ... | 17 | 16 | 16 | 20 | 21 | 25 | ... | ... | ... | 10 | 10 | 9 | 23 | 22 | 25 | 20 | 20 | 21 |
| Delhi ... | 16 | 16 | 17 | 18 | 20 | 24 | ... | ... | ... | 13 | 13 | 12 | 19 | 20 | 24 | 18 | 19 | 18 |
| Karnál ... | 17 | 17 | 17 | 20 | 21 | 26 | ... | ... | ... | 12 | 12 | 11 | 23 | 24 | 23 | 19 | 18 | 17 |
| Umballa ... | 18 | 17 | 20 | 20 | 19 | 24 | ... | ... | ... | 12 | 11 | 12 | 21 | 22 | 20 | 20 | 20 | 16 |
| Simla ... | 13 | 13 | 13 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 9 | 13 | 14 | 15 | 14 | 14 | 11 |
| Kángra ... | 18 | 18 | 20 | 24 | 24 | 28 | ... | ... | ... | 14 | 15 | 14 | 14 | 14 | 16 | 11 | 11 | 10 |
| Hoshiárpur ... | 20 | 20 | 22 | 24 | 24 | 32 | ... | ... | ... | 10 | 10 | 10 | 26 | 26 | 27 | 18 | 20 | 20 |
| Jullundur ... | 19 | 19 | 21 | 24 | 25 | 32 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 25 | 19 | 19 | 20 |
| Ludhiána ... | 18 | 19 | 20 | 21 | 22 | 32 | ... | ... | ... | 13 | 12 | 12 | 23 | 23 | 28 | 22 | 20 | 20 |
| Ferozepore ... | 19 | 19 | 20 | 25 | 24 | 38 | ... | ... | ... | 10 | 10 | 9 | 26 | 30 | 30 | 24 | 22 | 26 |
| Mooltan ... | 16 | 16 | 16 | 24 | 25 | 24 | ... | ... | ... | 12 | 12 | 10 | 25 | 25 | 23 | 23 | 21 | 21 |
| Jhang ... | 16 | 17 | 20 | 26 | 26 | 31 | ... | ... | ... | 10 | 9 | 8 | 23 | 21 | 27 | 20 | 19 | 24 |
| Montgomery ... | 17 | 17 | 20 | 24 | 25 | 28 | ... | ... | ... | 10 | 11 | 10 | 20 | 20 | 28 | 20 | 20 | 20 |
| Lahore ... | 17 | 18 | 20 | 26 | 26 | 35 | ... | ... | ... | 12 | 12 | 11 | 26 | 26 | 30 | 21 | 21 | 18 |
| Amritsar ... | 18 | 18 | 21 | 24 | 25 | 31 | ... | ... | ... | 12 | 12 | 11 | 25 | 26 | 27 | 20 | 20 | 16 |
| Gurdáspur ... | 20 | 20 | 23 | 25 | 26 | 28 | ... | ... | ... | 14 | 14 | 13 | 26 | 26 | 20 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 22 | 27 | 27 | 40 | ... | ... | ... | 14 | 14 | 15 | 30 | 30 | 32 | 30 | 25 | 26 |
| Gujrát ... | 19 | 21 | 22 | 30 | 30 | 35 | ... | ... | ... | 11 | 11 | 11 | 25 | 26 | 30 | 24 | 24 | 28 |
| Gujránwála ... | 20 | 19 | 20 | 30 | 30 | 40 | ... | ... | ... | 14 | 12 | 12 | 30 | 30 | 36 | 24 | 24 | 20 |
| Shahpur ... | 17 | 19 | 24 | 23 | 26 | 35 | ... | ... | ... | 10 | 10 | 10 | 24 | 25 | 28 | 22 | 25 | 28 |
| Jhelum ... | 21 | 21 | 23 | 27 | 26 | 34 | ... | ... | ... | 14 | 13 | 14 | 30 | 28 | 25 | 27 | 30 | 27 |
| Ráwalpindi ... | 18 | 18 | 27 | 31 | 29 | 47 | ... | ... | ... | 9 | 9 | 13 | 40 | 40 | 40 | 26 | 28 | 26 |
| Hazára ... | 20 | 21 | 23 | 35 | 34 | 44 | ... | ... | ... | 11 | 11 | 10 | § | § | 17 | 20 | § | 18 |
| Peshávar ... | 18 | 18 | 22 | 32 | 30 | 49 | ... | ... | ... | 11 | 11 | 11 | 33 | 36 | 44 | 23 | 25 | 25 |
| Kohát ... | 19 | 19 | 24 | 30 | 33 | 53 | ... | ... | ... | 16 | 16 | 15 | 33 | 33 | ‡ | 31 | 30 | 32 |
| Bannu ... | 22 | 23 | 30 | 43 | 46 | 55 | ... | ... | ... | 14 | 13 | 16 | 49 | 50 | 49 | 30 | 34 | 34 |
| D. I. Khan ... | 19 | 19 | 21 | 28 | 28 | 39 | ... | ... | ... | 9 | 9 | 9 | 34 | 34 | 36 | 29 | 29 | 30 |
| D. G. Khan ... | 16 | 18 | 16 | 23 | 23 | 24 | ... | ... | ... | 8 | 8 | 8 | 28 | 25 | 25 | 24 | 25 | 23 |
| Muzaffargarh | 17 | 17 | 18 | 25 | 25 | 26 | ... | ... | ... | 15 | 15 | 13 | 18 | 18 | 18 | 18 | 17 | 18 |

‡ Not sold.
§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th NOVEMBER 1890.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | | | | |
| *Mandwa, Marua or Ragi (Elousine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 23 | 23 | 26 |
| † | † | † | 16 | 16 | 16 | 22 | 21 | 24 |
| † | † | † | † | † | † | 20 | 20 | 23 |
| † | † | † | 8 | 13 | 14 | 19 | 19 | 24 |
| 20 | 20 | 22 | 16 | 16 | 18 | 21 | 20 | 22 |
| 20 | 20 | 20 | 12 | 10 | 9 | 21 | 20 | 29 |
| 17 | 17 | 22 | 10 | 10 | 8 | 16 | 16 | 19 |
| 25 | 24 | 26 | 7 | 7 | 8 | 16 | 18 | 24 |
| 12 | 12 | 13 | 20 | 20 | 32 | 20 | 20 | 27 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 21 | 22 | 28 |
| † | † | † | 16 | 20 | 20 | 23 | 23 | 29 |
| † | † | † | 20 | 20 | 16 | 24 | 23 | 32 |
| † | † | † | 22 | 24 | 28 | 19 | 19 | 22 |
| 30 | 25 | 20 | 30 | 23 | 22 | 16 | 17 | 21 |
| § | § | § | 30 | 32 | 28 | 21 | 22 | 28 |
| § | § | § | 24 | 24 | 22 | 21 | 21 | 30 |
| † | † | † | 23 | 23 | 23 | 20 | 21 | 29 |
| 6 | † | † | 12 | 12 | 16 | 25 | 20 | 26 |
| 25 | 30 | 24 | 28 | 28 | 35 | 21 | 20 | 28 |
| † | † | † | 10 | 10 | 12 | 24 | 21 | 27 |
| ‡ | † | § | 25 | 25 | 20 | 22 | 22 | 30 |
| 20 | 20 | 20 | 18 | 18 | 20 | 20 | 23 | 31 |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 21 | 21 | 26 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 19 | 20 | 26 |
| † | † | † | § | § | 14 | 17 | 17 | 22 |
| † | † | † | 24 | 23 | 21 | 17 | 17 | 25 |
| † | † | † | † | † | ‡ | 18 | 20 | 35 |
| 8 | 8 | 9 | 8 | 9 | 9 | 24 | 26 | 35 |
| § | § | § | 6 | 6 | 6 | 22 | 22 | 27 |
| § | § | § | § | § | § | 18 | 18 | 18 |
| § | § | § | § | § | § | 18 | 18 | 19 |

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 18 seers as compared with 18 seers in last fortnight and 21 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 20 | 17 | 18 |
| Ludhiána | ... | 20 | 19 | 18 |
| Jhang | ... | 20 | 17 | 16 |
| Shahpur | ... | 24 | 19 | 17 |
| Kohát | ... | 24 | 19 | 19 |
| Bannu | ... | 30 | 23 | 22 |

*Barley.*—Prices average 26 seers as compared with 26 seers in last fortnight and 34 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 26 | 20 | 20 |
| Ferozepore | ... | 38 | 24 | 25 |
| Lahore | ... | 35 | 26 | 26 |
| Ráwalpindi | ... | 47 | 29 | 31 |
| Kohát | ... | 53 | 33 | 30 |
| Bannu | ... | 55 | 46 | 43 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 11 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 10 | 10 | 12 |
| Ludhiána | ... | 12 | 12 | 13 |
| Mooltan | ... | 10 | 12 | 12 |
| Siálkot | ... | 15 | 14 | 10 |
| Kohát | ... | 15 | 16 | 16 |
| Muzaffargarh | ... | 13 | 15 | 15 |

*Jowár.*—Prices average 26 seers as compared with 26 seers in last fortnight and 28 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 24 | 20 | 19 |
| Ludhiána | ... | 28 | 23 | 23 |
| Montgomery | ... | 28 | 20 | 20 |
| Gujránwála | ... | 36 | 30 | 30 |
| Peshávar | ... | 44 | 36 | 33 |
| D. G. Khan | ... | 25 | 25 | 28 |

*Bájra.*—Prices average 22 seers as compared with 22 seers in last fortnight and 22 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 16 | 20 | 20 |
| Ferozepore | ... | 26 | 22 | 24 |
| Amritsar | ... | 16 | 20 | 20 |
| Shahpur | ... | 28 | 25 | 22 |
| Peshávar | ... | 25 | 25 | 23 |
| Bannu | ... | 34 | 34 | 30 |

*Gram.*—Prices average 20 seers as compared with 20 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 29 | 20 | 21 |
| Ferozepore | ... | 32 | 23 | 24 |
| Lahore | ... | 29 | 21 | 20 |
| Shahpur | ... | 31 | 23 | 20 |
| Kohát | ... | 35 | 20 | 18 |
| Bannu | ... | 35 | 26 | 24 |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISTRICT. | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 15th Novr. 1890. | | Past fortnight ending 31st Octr. 1890. | | Corresponding fortnight of 1889. | |
| | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 90 | 11 10 | 11 8 | 11 8 | 11 4 | 10 4 | 10 0 |
| Rohtak ... | 19 | 19 | 18 | 18 | 18 | 20 | 120 | 120 | 120 | 10 8 | 10 0 | 10 8 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 23 | 22 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 13 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 18 | 19 | 22 | 20 | 20 | 24 | 80 | 90 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 22 | 24 | 27 | 18 | 18 | 20 | 120 | 120 | 120 | 10 8 | 10 0 | 10 8 | 10 0 | 10 8 | 10 0 |
| Umballa ... | 21 | 22 | 26 | 16 | 16 | 20 | 130 | 130 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 |
| Simla ... | 19 | 19 | 20 | 9 | 9 | 10 | 65 | 65 | 65 | 9 8 | 8 15 | 9 8 | 8 14 | 9 8 | 8 8 |
| Kángra ... | 22 | 22 | 22 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 8 | ‡ | 11 0 |
| Hoshiárpur ... | 26 | 26 | 27 | 12 | 12 | 16 | 90 | 85 | 90 | 13 4 | 13 2 | 13 4 | 13 0 | 12 8 | 12 4 |
| Jullundur ... | 26 | 25 | 30 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 8 | 13 0 | 12 8 | 13 0 | 12 8 |
| Ludhiána ... | 23 | 23 | 27 | 14 | 13 | 14 | 110 | 110 | 110 | 14 8 | 13 6 | 13 4 | 12 8 | 13 0 | 13 0 |
| Ferozepore ... | 25 | 26 | 30 | 10 | 10 | 11 | 105 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 4 |
| Mooltan ... | 24 | 21 | 22 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Jhang ... | 23 | 22 | 24 | 10 | 10 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery ... | 24 | 20 | 25 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 24 | 24 | 28 | 13 | 12 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 23 | 25 | 25 | † | † | † | 90 | 90 | 90 | 14 0 | 13 0 | 13 0 | 12 0 | 13 8 | 13 0 |
| Gurdáspur ... | 30 | 26 | 28 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 0 |
| Siálkot ... | 23 | 25 | 28 | 12 | 12 | 12 | 100 | 100 | 180 | 14 2 | 13 8 | 13 12 | 13 8 | 14 0 | 13 0 |
| Gujrát ... | 25 | 24 | 28 | † | † | † | 120 | 140 | 120 | * | 13 8 | * | 14 0 | * | 14 0 |
| Gujránwála ... | 24 | 24 | 26 | † | † | § | 85 | 85 | 85 | 13 8 | 13 0 | 13 8 | 13 0 | 13 4 | 13 0 |
| Shahpur ... | 24 | 25 | 27 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 28 | 27 | 26 | ‡ | ‡ | ‡ | 120 | 120 | 100 | 14 3 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 26 | 28 | 29 | 22 | 23 | 20 | 83 | 83 | 60 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 8 |
| Hazára ... | 31 | 30 | 36 | † | † | *† | 100 | 100 | 80 | * | 11 0 | * | 11 0 | * | 11 0 |
| Pesháwar ... | 26 | 25 | 37 | 25 | 25 | 20 | 110 | 110 | 90 | 42 0 | 41 0 | 44 0 | 42 0 | 37 0 | 36 0 |
| Kohát ... | 33 | 34 | 35 | 18 | 16 | † | 180 | 180 | 125 | 65 0 | 60 0 | 65 0 | 60 0 | 60 0 | 55 0 |
| Bannu ... | 39 | 48 | 48 | 15 | 16 | 13 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | § | 22 | § | § | 15 | 125 | 125 | 106 | 44 0 | 42 0 | 44 0 | 42 0 | 47 0 | 45 0 |
| D. G. Khan ... | § | § | 15 | § | § | § | 125 | 125 | 125 | 22 0 | 20 0 | 24 8 | 22 8 | 28 0 | 27 0 |
| Muzaffargarh | § | § | § | 11 | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 11 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th NOVEMBER 1890—concluded.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| THE ORDINARY SEER OF 80 TOLAS. | | | | | |
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C | Srs. C. | Srs. C. |
| 10 0 | 7 0 | 13 0 | 7 4 | 6 8 | 6 8 |
| 8 8 | 8 8 | 13 0 | 8 0 | 9 0 | 7 0 |
| 8 0 | 8 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 7 0 | 7 0 | 8 0 | 8 0 | 7 8 | 7 0 |
| 8 0 | 9 0 | 11 0 | 8 0 | 8 0 | 8 0 |
| 6 8 | 7 0 | 11 0 | 8 0 | 8 2 | 7 8 |
| 5 10 | 4 8 | 6 8 | † | † | 2 3 |
| | | | | | |
| 5 8 | 6 0 | 8 0 | 8 0 | 8 0 | 8 0 |
| 7 12 | 6 0 | 10 8 | 8 0 | 7 8 | 7 8 |
| 8 0 | 7 0 | 10 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 6 0 | 12 0 | 9 0 | 8 0 | 8 0 |
| 8 0 | 7 0 | 10 0 | 8 8 | 8 0 | 8 0 |
| | | | | | |
| 8 0 | 8 0 | 10 0 | 7 4 | 7 4 | 6 8 |
| 8 0 | 10 0 | 12 0 | 9 0 | 8 0 | 8 0 |
| 8 0 | 8 0 | 12 0 | 9 0 | 9 0 | 9 0 |
| 6 0 | 7 4 | 9 8 | 9 0 | 9 0 | 8 0 |
| 7 8 | 7 8 | 10 0 | 9 4 | 9 4 | 8 0 |
| 8 0 | 8 8 | 12 8 | 8 0 | 10 0 | 9 0 |
| | | | | | |
| 9 0 | 9 8 | 16 0 | 9 0 | 9 0 | 10 0 |
| 8 0 | 9 0 | 12 0 | 8 0 | 8 0 | 9 0 |
| 8 8 | 10 0 | 12 8 | 9 0 | 9 0 | 8 8 |
| 8 0 | 8 0 | 11 0 | 9 0 | 9 0 | 8 0 |
| 10 0 | 9 0 | 12 0 | 10 0 | 10 0 | 10 0 |
| 7 8 | 7 12 | 10 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| 6 8 | 6 4 | 8 0 | § | § | § |
| 6 12 | 7 0 | 8 0 | 8 14 | 9 0 | 9 4 |
| 7 2 | 6 14 | 8 8 | 10 0 | 10 0 | 12 0 |
| | | | | | |
| 9 6 | 9 10 | 13 12 | 10 0 | 10 12 | 8 12 |
| 7 8 | 8 4 | 11 0 | § | § | 8 12 |
| 5 0 | 5 10 | 7 13 | 8 0 | 8 0 | 7 8 |
| 7 0 | 7 0 | 9 8 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 25 seers as compared with 25 seers in last fortnight and 19 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 26 | 22 | 21 |
| Ferozepore | ... | 30 | 26 | 25 |
| Lahore | ... | 28 | 24 | 24 |
| Siálkot | ... | 28 | 25 | 23 |
| Peshâwar | ... | 37 | 25 | 26 |
| Bannu | ... | 48 | 48 | 39 |

† Not produced.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR
FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 18 | 19 | 21 | 25 | ... | ... | ... | 14 | 14 | 13 | 20 | 21 | 25 | 19 | 20 | 19 | † | † | † |
| Ferozepore ... | 19 | 19 | 20 | 25 | 24 | 33 | ... | ... | ... | 10 | 10 | 9 | 26 | 30 | 30 | 24 | 22 | 26 | † | † | † |
| Mooltan ... | 17 | 16 | 16 | 24 | 26 | 25 | ... | ... | ... | 12 | 13 | 11 | 25 | 26 | 24 | 23 | 22 | 22 | † | † | † |
| Lahore ... | 18 | 19 | 21 | 27 | 27 | 36 | ... | ... | ... | 13 | 13 | 13 | 27 | 27 | 31 | 22 | 22 | 20 | § | § | § |
| Amritsar ... | 19 | 19 | 22 | 25 | 26 | 32 | ... | ... | ... | 13 | 13 | 12 | 26 | 27 | 28 | 21 | 21 | 17 | † | † | † |
| Peshâwar ... | 19 | 19 | 23 | 33 | 31 | 51 | ... | ... | ... | 12 | 12 | 12 | 34 | 37 | 46 | 24 | 26 | 26 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th NOVEMBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Novr. 1890. | Past fortnight ending 31st Octr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C | Srs. C. | |
| 9 | 14 | 15 | 20 | 20 | 25 | 19 | 20 | 23 | 21 | 21 | 25 | 7 8 | 7 8 | 9 0 | 8 8 | 8 0 | 8 0 | |
| 20 | 20 | 16 | 24 | 23 | 32 | 25 | 26 | 30 | 10 | 10 | 11 | 8 0 | 7 0 | 10 0 | 8 8 | 8 0 | 8 0 | |
| 23 | 25 | 29 | 19 | 19 | 23 | 24 | 21 | 23 | † | † | † | 8 0 | 8 8 | 11 0 | 7 8 | 7 8 | 6 12 | |
| 26 | 26 | 23 | 22 | 22 | 31 | 25 | 25 | 29 | 13 | 13 | 13 | 6 8 | 7 12 | 10 8 | 9 8 | 9 8 | 8 4 | |
| 24 | 24 | 24 | 21 | 22 | 30 | 24 | 26 | 26 | † | † | † | 8 0 | 8 0 | 11 0 | 9 8 | 9 8 | 8 0 | |
| 25 | 24 | 22 | 18 | 18 | 26 | 27 | 26 | 38 | 26 | 26 | 21 | 6 14 | 7 4 | 8 2 | 9 2 | 9 3 | 9 7 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—The Gauges in use are indicated thus—
*s*—Symon's Improved.
Stations not thus marked use the old Pattern Guage.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 26th October 1890.* | | | | | | | | |
| | | | Monday 20th. | Tuesday 21st. | Wednesday 22nd | Thursday 23rd. | Friday 24th. | Saturday 25th. | Sunday 26th. | | |
| Simla. | Kilba *s* | 11th October ... | 0·03 | 0·03 | ... | ... | ... | ... | ... | 0·06 | |
| | | | *Week ending 1st November 1890.* | | | | | | | | |
| | | | Monday 27th. | Tuesday 28th. | Wednesday 29th. | Thursday 30th. | Friday 31st. | Saturday 1st. | | | |
| Simla. | Kilba *s* | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 8th November 1890.* | | | | | | | | |
| | | | Sunday 2nd. | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | | |
| Gurgaon. | Farrukhnagar ... | 26th September | ... | ... | ... | ... | ... | ... | ... | ... | |
| Simla. | Kilba *s* | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |

### Weekly Rain Report for the week ending 15th November 1890.

MEMO.—There has been no rainfall. Every return received is blank.

Returns not received from Tauru, Hodal and Punahána (Gurgaon District), Kilba (Simla District), and Ráwalpindi District.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF SEPTEMBER 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. Relating to immoveable property. | Optional. Others. | | | |
| | | | | Rs. | Rs. | |
| September 1890 ... ... | 3,078 | 516 | 581 | 11,809 | 4,984 | |
| September 1889 ... ... | 2,878 | 477 | 503 | 10,953 | 4,314 | |
| Difference ... ... | + 200 | + 39 | + 78 | + 856 | + 670 | |
| First 6 months of 1890-91... ... | 34,109 | 5,149 | 5,013 | 1,24,949 | 36,582 | |
| First 6 months of 1889-90... ... | 32,412 | 5,255 | 4,948 | 1,20,113 | 37,004 | |
| Difference ... ... | + 1,697 | — 106 | + 65 | + 4,836 | — 422 | |

OFFICE OF INSPECTOR-GENERAL OF REGISTRATION, PUNJAB,
LAHORE:
*The 13th November 1890.*

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Rabi*

| CANAL DIVISION. | WATER DISTRIBUTED DURING OCTOBER 1890. Depth in Canal at regulating gauge. | | Gross consumption, cubic feet per second. | |
|---|---|---|---|---|
| | Full supply. | Actual throughout. | Estimated full supply. | Actual average throughout. |
| PERENNIAL CANALS. | | | | |
| SWAT RIVER CANAL ... ... ... ... ... | 6·5 | 5·7 | 720 | 694 |
| Total Swat River Canal ... ... | ... | ... | 720 | 694 |
| Corresponding period of last year ... | ... | ... | 720 | 653 |
| WESTERN JUMNA CANAL. | | | | |
| At Dádúpur ... ... ... ... ... ... | 4·33 | 4·4 | 2,557 | 2,599 |
| | ... | ... | ... | 181 |
| Main Line Rájbahás ... ... ... ... ... | ... | ... | ... | 1,077 |
| Hánsi Branch ... ... ... ... ... ... | ... | ... | ... | 802 |
| Delhi Branch ... ... ... ... ... ... | ... | ... | ... | 539 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | |
| Loss by absorption ... ... ... ... | | | | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 2,599 |
| Corresponding period of last year ... | ... | ... | 2,546 | 2,814 |
| BARI DOAB CANAL. | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 5·12 | 3,074 | 1,448 |
| 2nd " Main Branch Lower ... ... ... ... | 4·6 | 2·96 | | 322 |
| 3rd " " " " ... ... ... ... | 3·0 | 3·38 | | 1,046 |
| 2nd " Lahore Branch ... ... ... ... | ... | ... | | 763 |
| Passed through Escapes ... ... ... ... ... | | | | 6 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 3,585 |
| Corresponding period of last year ... | ... | ... | 3,074 | 3,178 |
| SIRHIND CANAL. | | | | |
| Main Line ... ... ... ... ... ... | 5·92 | 9·36 | 3,000 | 6,305 |
| Abohar Branch ... ... ... ... ... | 4·12 | 6·44 | 1,020 | 2,435 |
| Bhatinda Branch ... ... ... ... ... | 4·84 | 6·39 | 900 | 1,685 |
| Feeders ... ... ... ... ... ... | 5·29 | 7·51 | 1,080 | 2,185 |
| British Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Sirhind Canal ... ... | ... | ... | 3,000 | 6,305 |
| Corresponding period of last year ... | ... | ... | 3,000 | 5,570 |
| CHENAB CANAL... ... ... ... ... ... | 7·0 | 7 days only. 1·07 | 1,800 | 69·81 |
| Corresponding period of last year ... | ... | ... | ... | ... |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890-91 *up to* 31*st October* 1890.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Peshâwar ... | ... | 10 | 0·17 | 0·75 | ... | ... | No measurements made yet. Prospects good. |
| ... | ... | ... | ... | ... | ... | ... | |
| ... | 5,615 | ... | ... | ... | ... | 5,615 | |
| Umballa ... | 3 | | 0·3 | 0·60 | Wheat ... | 607 | The demand has been considerable, but much of it has been due to the large area of sugar-cane in the ground. Much of the rabi irrigation not booked owing to progress of kharíf measurements. |
| Delhi ... | 569 | | 0·5 | 0·17 | Barley ... | ... | |
| Rohtak ... | 2,818 | 20 | 0·3 | 0·20 | Mixed grain... | 713 | |
| Karnál ... | 1,431 | | 0·7 | 0·37 | Others ... | 7,512 | |
| Hissar ... | 3,811 | | 0·2 | 0·58 | | | |
| Bikaner ... | 200 | ... | ... | ... | | | |
| Kalsia ... | ... | ... | ... | ... | | | |
| ... | 8,832 | ... | ... | ... | ... | 8,832 | |
| ... | 23,495 | ... | ... | ... | ... | 23,495 | |
| Gurdáspur ... | 4,221 | 26 | 0·28 | 0·40 | Wheat ... | 21,704 | The canal ran for 30 days during the month. Rainfall above the average. Decrease of only 612 acres compared with last year. |
| Amritsar ... | 30,332 | 23 | 0·36 | 0·60 | Barley ... | 484 | |
| Lahore ... | 50,832 | 23 | 0·57 | 2·22 | Mixed grain... | 3,206 | |
| | | | | | Others ... | 59,991 | |
| ... | 85,385 | ... | ... | ... | ... | 85,385 | |
| ... | 85,997 | ... | ... | ... | ... | 85,997 | |
| Ludhiána ... | 11,052 | 8 | 0·4 | 0·44 | Wheat ... | 18,498 | There was an unprecedented demand throughout the month, which was fully met, and rabi prospects are very favorable. |
| Ferozepore ... | 47,178 | | 0·2 | 0·57 | Barley ... | 1,167 | |
| Hissar ... | 842 | ... | ... | ... | Mixed grain... | 541 | |
| Farídkot ... | 9,439 | ... | ... | ... | Others ... | 73,855 | |
| Patiála ... | 17,021 | ... | ... | ... | | | |
| Nábha ... | 7,752 | ... | ... | ... | | | |
| Jínd ... | 385 | ... | ... | ... | | | |
| Kalsia ... | 392 | ... | ... | ... | | | |
| ... | 94,061 | ... | ... | ... | ... | 94,061 | |
| ... | 74,224 | ... | ... | ... | ... | 74,224 | |
| Gujránwála ... | ... | 5 | 0·08 | 0·11 | ... | ... | Canal closed for silt clearance and bund making. |
| ... | 135 | ... | ... | ... | ... | 135 | |
| ... | 188,278 | ... | ... | ... | ... | 188,278 | |
| ... | 189,466 | ... | ... | ... | ... | 189,466 | |

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during October 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| **INUNDATION CANALS.** | | | | |
| Lower Sohag Canal ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... | 6 | 3·5 | 1,072 | 691 |
| Corresponding period of last year ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... .. | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | |
| Perennial Canals. | | | | |
| Swat River Canal ... ... ... ... ... | ... | ... | ... | ... |
| Western Jumna Canal ... ... ... ... ... | ... | ... | ... | ... |
| Bári Doáb Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sirhind Canal ... ... ... ... ... | ... | ... | ... | ... |
| Chenab Canal ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| Inundation Canals. | | | | |
| Lower Soház Canal ... ... ... ... ... | | | | |
| Sidhnai Canal ... ... ... ... ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| Grand Total Perennial & Inundation Canals ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |

Lahore:
*The 23rd November* 1890.

*of* 1890-91 *up to* 31*st October* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zila. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Montgomery ... | 26,794 | ... | ... | ... | ... | 26,794 | Increase of 1,425 acres over last year. |
| ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| Mooltan ... | 45,313 | ... | ... | ... | Wheat ...<br>Barley ...<br>Miscellaneous | 4,317<br>320<br>40,676<br>45,313 | There is an increase of 9,651 acres on the Sidhnai Canal as compared with last year. Adding the irrigation of the Koranga and Fazal Shah Canals noted below, there is a total increase of 13,052 acres. The crops are in good condition.<br>Koranga Canal 2,300 acres.<br>Fazal Shah Canal 1,101 acres. |
| ... | 32,261 | ... | ... | ... | ... | 32,261 | |
| Lahore ...<br>Montgomery ...<br>Mooltan ...<br>Dera Gházi Khan<br>Muzaffargarh ... | 16,109<br>44,863<br>218,727<br>36,367<br>154,359 | 20<br>...<br>26<br>10<br>5 | 0·09<br>...<br>0·21<br>0·03<br>0·04 | 0·05<br>...<br>0·06<br>...<br>... | ...<br>...<br>...<br>...<br>... | 16,109<br>44,863<br>218,727<br>36,367<br>154,359 | |
| ... | 542,532 | ... | ... | ... | ... | 542,532 | |
| ... | 559,217 | ... | ... | ... | ... | 559,217 | |
| ...<br>...<br>...<br>...<br>... | ...<br>8,832<br>85,385<br>94,061<br>... | ...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>... | ...<br>8,832<br>85,385<br>94,061<br>... | |
| ... | 188,278 | ... | ... | ... | ... | 188,278 | |
| ...<br>...<br>...<br>...<br>...<br>... | 26,794<br>45,313<br>60,972<br>218,727<br>36,367<br>154,359 | ...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>... | 26,794<br>45,313<br>60,972<br>218,727<br>36,367<br>154,359 | |
| ... | 542,532 | ... | ... | ... | ... | 542,532 | |
| ... | 730,810 | ... | ... | ... | ... | 730,810 | |
| ... | 748,683 | ... | ... | ... | ... | 748,683 | |

M. COCKBURN,

*Superintendent, Office of Secretary to Government, Punjab, P. W. D.,*
*Irrigation Branch.*

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No. 49 of 1890.

SUPPLEMENT TO THE

# Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 4, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 2nd DECEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | ... | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Fluctuating. | Reapings completed. | Cultivation over. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Rabi sown and germinated. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | ... | Rain much wanted. Crops being sown. |
| 5 | Ferozepore ... | 0·32 at Sadr.<br>0·12 in Fázilka. | Do. | Do. | ... | ... |
| 6 | Amritsar ... | 0·13 | Do. | Do. | ... | Condition of crops good. No complaints against canal working. |
| 7 | Siálkot ... | Slight rainfall. | Do. | Do. | Pressing of sugarcane begun. | Crops promising. |
| 8 | Lahore ... | 0·74 at Lahore.<br>0·45 in Kasúr.<br>0·39 in Chuniân.<br>0·55 in Sharakpur. | Do. | Do. | ... | Sowings of wheat in progress. Prospects of standing crops much improved by recent rain. |
| 9 | Mooltan ... | 0·52 in Mailsi.<br>0·31 in Lodhrán.<br>0·73 in Shujabad<br>0·91 in Mooltan.<br>0·73 in Kabírwála. | Plentiful except in Chak Ráwa. | Slightly falling. | ... | Sowings finished. |
| 10 | Ráwalpindi ... | 0·96 at Ráwalpindi.<br>0·69 in Gujar Khan.<br>1·05 in Fatahjang.<br>1·08 in Pindigheb.<br>3·80 in Murree.<br>2·60 in Attock.<br>0·72 in Kahúta. | Sufficient. | Stationary. | ... | Prospects average. |
| 11 | Shahpur ... | Rainfall throughout. | Do. | Rising. | ... | Sowings still going on. |
| 12 | D. I. Khan ... | 2·01 | Average. | Stationary. | ... | Sowings in progress. |
| 13 | Peshâwar ... | 4·41 | Sufficient. | Do. | ... | Wheat and barley sowings in progress. Prospects fair. |

*GENERAL REMARKS.*

Rain has fallen in all districts except Hissar, Delhi and Jullundur. Prices unsettled in Delhi; falling in Mooltan; rising in Shabpur; and stationary elsewhere. Harvesting of kharif crops over. Rabi sowings still in progress in most districts. Rain much wantes in Hissar and Jullundur. Prospects of standing crops are generally reported fair. They have improved by recent rain in some district. Fodder is reported average in Dera Ismail Khan and sufficient elsewhere except in part of Mooltan.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING OCTOBER 1890.

## A.

| Stations. | Pressure. | | Wind. | | Temperature in shade. | | | | | | Humidity. | Vapour tension. | Amount of cloud 10 = overcast. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Baro. at 8 A. M. | Variation from normal. | Mean direction and force, October 1890. | Normal direction and force, October. | 8 A. M. | Mean maximum. | Variation from normal. | Mean minimum. | Variation from normal. | Mean monthly variation from normal. | | | |
| Delhi ... ... | 29·888 | + 0·15 | N. 88° W. 2 | N. 49° W. 2 | 73·2 | 91·6 | − 0·7 | 68·6 | + 0·5 | − 0·1 | 57 | ·488 | 1 |
| Sirsa ... ... | 29·878 | + 0·02 | S. 20° E. 4 | N. 76° W. 3 | 73·6 | 96·5 | + 0·5 | 62·1 | − 0·6 | − 0·1 | 62 | ·511 | 1 |
| Ludhiána ... ... | 29·883 | + 0·04 | S. 45° W. 2 | N. 40° W. 1 | 71·5 | 92·3 | 0 | 61·0 | − 3·0 | − 1·5 | 62 | ·493 | 1 |
| Lahore ... ... | 29·885 | + 0·11 | N. 81° E. 2 | N. 3° W. 2 | 70·9 | 92·3 | − 1·1 | 59·6 | − 2·0 | − 1·6 | 56 | ·436 | 1 |
| Montgomery ... | 29·874 | ? | S. 33° E. 5 | ? ? | 75·1 | 96·9 | ? | 61·8 | ? | ? | 48 | ·430 | 1 |
| Siálkot ... ... | 29·888 | + 0·09 | N. 60° E. 2 | N. 29° W. 1 | 68·5 | 89·3 | − 2·9 | 61·5 | − 0·5 | − 1·7 | 72 | ·507 | 1 |
| Ráwalpindi ... | ·897 | − 0·04 | N. 16° W. 2 | S. 62° W. 1 | 65·8 | 86·6 | − 1·6 | 55·6 | − 0·7 | − 1·2 | 62 | ·400 | 1 |
| Peshâwar ... ... | ·920 | + 0·22 | S. 44° W. 2 | N. 61° E. 3 | 66·4 | 88·2 | − 0·3 | 56·9 | − 0·6 | − 0·5 | 58 | ·383 | 1 |
| Dera Ismail Khan ... | ·885 | + 0·04 | N. 35° E. 1 | N. 75° E. 1 | 68·8 | 95·5 | + 1·5 | 61·0 | − 0·6 | + 0·5 | 52 | ·381 | 1 |
| Mooltan ... ... | ·877 | + 0·13 | S. 5° E. 1 | S. 70° W. 2 | 74·3 | 96·5 | + 1·7 | 65·0 | + 0·3 | + 1·0 | 58 | ·500 | 0 |
| Simla ... ... | 23·127 | − 0·09 | S. 51° E. ... | N. 74° W. ... | 52·2 | 65·7 | − 2·1 | 49·7 | − 1·4 | − 1·8 | 51 | ·205 | 1 |
| Murree ... ... | 23·900 | − 0·19 | N. 14° W. 7 | S. 30° E. 6 | 55·9 | 67·0 | − 2·5 | 49·6 | − 3·8 | − 3·2 | 45 | ·206 | 2 |

About the end of September or the early part of October a rapid rise of pressure transforms the Punjab and the adjacent parts of North-Western India from the seat of lowest to that of the highest pressure over India. At the same time the winds change and north-westerly winds of low velocity radiate out from this high pressure region towards the North-Western Provinces, Rájpútána and Sind. Accompanying this change in the conditions of pressure and winds there occurs a marked change in the weather, which clears up and becomes fine, settled and much cooler. On the present occasion this change from the hot weather to the cold weather conditions occurred much later than usual. From October 1st to October 19th pressure remained low over the Punjab, and the winds, though often very light and variable, were more often than not from some southerly or easterly quarter. On the 20th a sudden barometric rise occurred over this Province, and this rise continued till the change in the distribution described above was completed. As an example of the extent and suddenness of this change the barometric readings of three stations in the north-west of the Province are given below:—

| | *19th.* | *22nd.* | *Rise in 3 days =* |
|---|---|---|---|
| Peshâwar | ... 29·822 | 30·177 | 0·355″ |
| Ráwalpindi | ... 29·816 | 30·109 | 0·293″ |
| Mooltan | ... 29·763 | 30·094 | 0·331″ |

With this change of pressure there occurred an equally sudden change of wind, which shifted first to north-east, then to north, and finally to north-west. This extensive atmospheric disturbance occasioned a good deal of rain both on the hills and plains, and was accompanied with much electrical display, a good deal of thunder and lightning being reported. When the weather had settled down the chart showed that the ordinary cold weather distribution, &c., had been carried out, and this condition lasted till the close of the month.

*Pressure.*—The table at the commencement of the summary shows that there was a slight excess of pressure at all the plains stations except Ráwalpindi, where, as well as at Simla and Murree, there was some defect. With the exception of a few days the barometer read below the average of the time of year throughout the whole of the first two-thirds of the month, but after the 20th, when the change noted above occurred, pressure rose above the normal average, and so continued till the close of the period. Owing to this balancing of the variations the departures from the normal at the close of the month were small.

*Temperature.*—The mean temperatures of the month were generally low, At Dera Ismail Khan there was an excess of $\frac{1}{2}°$ and at Mooltan an excess of 1°, but all the other stations showed a deficiency. This deficiency exceeded 3° at Murree and was $1\frac{1}{2}°$ or more at Ludhiána, Lahore, Siálkot and Simla. At all stations except Mooltan the night temperatures were lower than usual, and at all stations except Sirsa, Dera Ismail Khan and Mooltan the day temperatures were lower, so that the general deficiency for the month was due to a general lowness of temperature almost as strongly marked in the day as in the night. The highest mean daily temperature (96·9°) was recorded at Montgomery, but this was closely approached both by Sirsa and Mooltan. Readings exceeding 100° were recorded at Sirsa, Montgomery, Dera Ismail Khan and Mooltan during the first 13 days of the month, but subsequent to that date no reading of 100° was registered, and between the 20th and 22nd the maximum readings over the north-west of the Province were from 15° to 24° below the average of the time of year.

*Humidity and Cloud.*—The mean cloud proportion of the month was low, but between the 20th and 23rd the amount of cloud over the more northern stations was considerable. The amount of moisture in the air was about normal.

*Rain*—Has fallen during the month at all stations except Dera Ismail Khan, Montgomery and Sirsa. At Murree and Siálkot there was a very large excess, and at Mooltan, Pesháwar and Ráwalpindi a moderate excess. At all the other stations there was a deficiency. The average rainfall of the month is ordinarily small, and the actual rainfall except in the cases of Murree and Siálkot was also small, so that the trifling variations shown in the concluding table are probably of small importance. Showers occurred at the following stations on the following dates :—

| | |
|---|---|
| Mooltan | ... 20th. |
| Pesháwar | ... 20th, 21st, 22nd. |
| Murree | ... 1st, 3rd, 4th, 5th, 13th, 20th, 21st, 22nd. |
| Ráwalpindi | ... 4th, 13th, 20th, 21st. |
| Siálkot | ... 1st, 12th, 20th, 21st, 22nd. |
| Lahore | ... 20th, 21st. |
| Ludhiána | ... 1st, 20th. |
| Simla | ... 1st, 20th, 21st, 22nd. |
| Delhi | ... 21st. |

This table shows that no rain fell after the 22nd, and that the only general fall occurred between the 20th and 22nd.

## B.

The following table gives the rainfall data for the Punjab stations for October 1890:—

| Stations. | Normal average rainfall in October. | Actual rainfall in October 1890. | Difference from the average in October 1890. |
|---|---|---|---|
| *Punjab, West.* | Inches. | Inches. | Inches. |
| Mooltan... ... ... ... ... ... | 0 | 0·12 | + 0·12 |
| Dera Ismail Khan ... ... ... ... ... | 0·04 | 0 | — 0·04 |
| Peshâwar ... ... ... ... ... | 0·12 | 0·19 | + 0·07 |
| Murree ... ... ... ... ... ... | 1·11 | 5·67 | + 4·56 |
| Râwalpindi ... ... ... ... ... | 0·52 | 0·68 | + 0·16 |
| Siâlkot ... ... ... ... ... ... | 0·21 | 1·32 | + 1·11 |
| Lahore ... ... ... ... ... ... | 0·22 | 0·12 | — 0·10 |
| Montgomery ... ... ... ... ... | 0·17 | 0 | — 0·17 |
| *Punjab, East.* | | | |
| Ludhiâna ... ... ... ... ... | 0·42 | 0·06 | — 0·36 |
| Simla ... ... ... ... ... ... | 0·83 | 0·71 | — 0·12 |
| Delhi ... ... ... ... ... ... | 0·17 | 0·01 | — 0·16 |
| Sirsa ... ... ... ... ... ... | 0·19 | 0 | — 0·19 |

SIMLA:
*The 24th November 1890.*

W. L. DALLAS,
*Meteorological Reporter to Government, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The Gauges in use are indicated thus—
*s*—Symon's Improved.
Stations not thus marked use the old Pattern Guage.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Station. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 8th November 1890.* | | | | | | | | |
| | | | Sunday 2nd. | Monday 3rd. | Tuesday 4th. | Wednesday 5th. | Thursday 6th. | Friday 7th. | Saturday 8th. | | |
| Gurgaon. | Tauru ... | 24th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | .. | ... | |
| | Punahana ... | Ditto ... | ... | ... | ... | ... | .. | ... | ... | ... | ... |
| | | | *Week ending 15th November 1890.* | | | | | | | | |
| | | | Sunday 9th. | Monday 10th. | Tuesday 11th. | Wednesday 12th | Thursday 13th. | Friday 14th. | Saturday 15th. | | |
| Gurgaon. | Tauru ... | 24th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahana ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Simla. | Kilba *s* | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rawalpindi. | Pindigheb ... | 3rd October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang ... | 13th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree ... | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## Weekly Rain Report for the week ending 22nd November 1890.

Memo.—There has been no rainfall of importance. Every return received is blank, except the following stations:—

| | | | |
|---|---|---|---|
| Simla | ( Simla District | ) on 19th November 1890 | ... 0·01 |
| Kot Khái | ( Ditto | ) ditto ditto | ... 0·03 |
| Kotgarh | ( Ditto | ) ditto ditto | ... 0·02 |
| Plách | ( Kángra District | ) on 18th and 19th November 0·10 and 0·07 respectively | ... 0·17 |
| Kulu | ( Ditto | ) on 18th, 19th and 20th November 0·05, 0·09 and 0·14 respectively | ... 0·28 |
| Nagar | ( Ditto | ) ditto ditto 0·31 0·37 and 0·24 ditto | ... 0·92 |
| Pálampur | ( Ditto | ) on 18th and 19th November 0·02 and 0·06 respectively | ... 0·98 |
| Dharmsála | ( Ditto | ) on 20th November 1890 | ... 0·15 |
| Garhshankar | ( Hoshiárpur District | ) on 19th November 1890 | ... 0·60 |
| Ajnála | ( Amritsar District | ) ditto ditto | ... 0·02 |
| Gujrát | ( Gujrát District | ) ditto ditto | ... 0·06 |
| Khárián | ( Ditto | ) ditto ditto | ... 0·05 |
| Abbott-abad | ( Hazára District | ) on 18th and 19th November 0·05 and 0·03 respectively | ... 0·08 |
| Mansahra | ( Ditto | ) ditto ditto 0·22 and 0·01 ditto | ... 0·23 |
| Peshawar | ( Peshawar District | ) on 22nd November 1890 | ... 0·04 |

Slight rain has fallen in Hamírpur and Dera (Kángra District) on 19th and 18th respectively, and at Jhang and Gugera, (Montgomery District) on 18th, and Dalhousie (Gurdáspur District) on 19th, and Kohát on 22nd November 1890.

Returns not received from Punahana (Gurgaon District), Kotra and Dhaneta (Umballa District) and Kilba (Simla District).

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of October* 1890.

| Details. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... ... ... | | | Miles | 243 | |
| Receipts. Tollage. | Private boats ... ... ... | | Rs. | 381 | |
| | Government boats ... ... ... | | " | 90 | |
| | Rafts ... ... ... ... | | " | 651 | |
| | | Total ... | " | 1,122 | |
| Cost of Navigation Establishment ... ... | | | " | *455 | * Includes maintenance charges. |
| Net Revenue during month ... ... ... | | | " | 667 | |
| Boats plying. | Number ... ... | Cargo... ... | No. | 59 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... ... | Cargo... ... | Tons | 1,150 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... ... | | Up ... ... | " | 129,729 | |
| | | Down... ... | " | 120,149 | |
| | | Total ... | " | 249,878 | |
| Estimated value of Cargo ... | | Up ... | Rs. | 2,275 | |
| | | Down ... | " | 99,000 | |
| | | Total ... | " | 101,275 | |
| Number of passengers ... ... ... | | | No. | *Nil.* | |
| Rafts ... ... ... | | Contents, Down ... | C. ft. | 24,750 | |
| | | Estimated value ... | Rs. | 12,375 | |
| Tollage on boats per ton per mile ... ... | | | Pie. | 0·36 | |
| Tollage on rafts per 100 cubic feet ... ... | | | Rs. | 2-10-1 | |
| Description and quantities of goods carried. | Grain ... ... | Down ... ... | Tons | 1,320 | |
| | Metals ... ... | Up ... ... | " | 7 | |
| | Building materials ... | Up ... ... | " | 183 | |
| | Miscellaneous ... | Up ... ... | " | 18 | |
| | Total Traffic ... | Up ... ... | " | 208 | |
| | | Down ... ... | " | 1,320 | |
| | | Total ... | " | 1,528 | |
| | Rafts. | Logs, round and squared—Down ... | " | 1 | |
| | | Sleepers, broad gauge—Down ... ... | " | 8 | |
| | | Ballas, broad-gauge—Down ... ... | " | 486 | |
| | | Total Rafts ... | " | 495 | |

LAHORE:
*The* 1st *December* 1890.

M. COCKBURN, *Supdt.*,
*Office of Secretary to Government, Punjab, P. W. D.,*
*Irrigation Branch.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal for the month of October* 1890.

| Details. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | ... ... | Miles | 188 | |
| Receipts. | Toll-age. | Private boats... ... ... | Rs. | 215 | |
| | | Government boats ... ... | " | 5 | |
| | | Rafts ... ... ... | " | 43 | |
| | Hire of Government boats | ... ... | " | 12 | |
| | | Total ... | " | 275 | |
| Cost of Navigation Establishment... | | ... | " | *616 | * Includes maintenance charges. |
| Net loss during month | | ... ... | " | 341 | |
| Boats plying. | Number ... | Cargo... ... | No. | 34 | |
| | | Passengers ... | " | 7 | |
| | Tonnage ... | Cargo... ... | Tons | 483 | |
| | | Passengers ... | " | 21 | |
| Ton mileage ... | | Up ... ... | " | 12,211 | |
| | | Down... ... | " | 14,525 | |
| | | Total ... ... | " | 26,736 | |
| Estimated value of cargo | | Up ... ... | Rs. | 26,103 | |
| | | Down... ... | " | 22,746 | |
| | | Total ... ... | " | 48,849 | |
| Number of passengers ... | | ... ... | No. | 690 | |
| Rafts ... ... | | Contents—Down ... | C. ft. | 128,435 | |
| | | Estimated value ... | Rs. | 121,180 | |
| Tollage on boats per ton per mile ... | | ... | Pie | 1 | |
| Do. rafts per 100 cubic feet | | ... | " | 6 | |
| Description and quantities of goods carried. | Grain ... ... | Up ... ... | Tons | 243 | |
| | | Down... ... | " | 207 | |
| | | Total ... ... | " | 450 | |
| | Cotton ... ... | Up ... ... | " | 15 | |
| | Salt ... ... | Up ... ... | " | 24 | |
| | Metals ... ... | Up ... | " | 65 | |
| | | Down... ... | " | 31 | |
| | | Total ... ... | " | 96 | |
| | Building materials ... | Up ... ... | " | 123 | |
| | | Down... ... | " | 10 | |
| | | Total ... ... | " | 133 | |
| | Fuel ... ... | Up ... ... | " | 18 | |
| | Timber ... ... | Up ... ... | " | 14 | |
| | | Down ... ... | " | 48 | |
| | | Total ... ... | " | 62 | |
| | Miscellaneous ... | Up ... ... | " | 2 | |
| | | Down... ... | " | 15 | |
| | | Total ... ... | " | 17 | |
| | Total Traffic ... | Up ... ... | " | 504 | |
| | | Down... ... | " | 311 | |
| | | Total... ... | " | 815 | |
| | Rafts. | Logs, round and squared—Down ... | " | 1,627 | |
| | | Sleepers, broad gauge—Down ... | " | 22 | |
| | | Sleepers, metre gauge—Down ... | " | 78 | |
| | | Bamboos and reeds—Down ... | " | 7 | |
| | | Total Rafts ... | " | 1,734 | |

LAHORE:
*The 1st December* 1890.

M. COCKBURN, *Supdt.*,
*Office of Secretary to Government, Punjab, P. W. D.*,
*Irrigation Branch*.

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 1st NOVEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 4 | 8 | 10 | 5 | 5 | ... | ... | 6 | 2 | ... | 2 | 1 | ... | 1 | 29 | 37 |
| 2 | | Hansi ... | 12,656 | 5 | 5 | 10 | 12 | 3 | 9 | ... | ... | 5 | 2 | ... | 5 | ... | 5 | 5 | 41 | 49 |
| 3 | | Bhiwani ... | 33,762 | 11 | 21 | 32 | 30 | 16 | 14 | ... | ... | 12 | 6 | ... | 12 | 1 | 3 | 4 | 49 | 46 |
| 4 | | Sirsa ... | 12,292 | 6 | 8 | 14 | 15 | 4 | 11 | ... | ... | 13 | ... | ... | 2 | 1 | 3 | 4 | 59 | 64 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 5 | 9 | 12 | 7 | 5 | ... | ... | 6 | 2 | ... | 4 | 2 | 1 | 3 | 30 | 40 |
| 6 | | Jhajjar ... | 11,650 | 8 | 4 | 12 | 9 | 4 | 5 | ... | ... | 7 | 1 | ... | 1 | 1 | 1 | 2 | 54 | 40 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 12 | 8 | 20 | 18 | 12 | 6 | ... | ... | 7 | 8 | ... | 3 | 1 | 1 | 2 | 43 | 38 |
| 8 | | Palwal ... | 10,635 | 3 | 4 | 7 | 12 | 7 | 5 | ... | ... | 5 | 3 | ... | 4 | 1 | ... | 1 | 34 | 59 |
| 9 | Delhi ... | Delhi ... | 117,363 | 74 | 75 | 149 | 138 | 66 | 72 | ... | ... | 79 | 5 | 1 | 53 | 18 | 21 | 39 | 66 | 61 |
| 10 | | " Suburbs ... | 52,882 | 15 | 15 | 30 | 15 | 8 | 7 | ... | ... | 11 | 1 | ... | 3 | ... | 1 | 1 | 30 | 15 |
| 11 | | Sonepat ... | 13,077 | 4 | 5 | 9 | 14 | 3 | 11 | ... | ... | 11 | ... | ... | 3 | ... | 3 | 3 | 36 | 56 |
| 12 | Karnal ... | Karnal ... | 23,133 | 8 | 11 | 19 | 33 | 14 | 19 | ... | 1 | 19 | 6 | ... | 7 | 1 | 1 | 2 | 43 | 74 |
| 13 | | Kaithal ... | 14,754 | 8 | 3 | 11 | 13 | 5 | 8 | ... | ... | 6 | 3 | ... | 4 | 1 | 1 | 2 | 39 | 46 |
| 14 | | Panipat ... | 26,572 | 11 | 10 | 21 | 51 | 23 | 28 | ... | 5 | 23 | 9 | ... | 14 | 10 | 17 | 27 | 41 | 100 |
| 15 | Umballa ... | Umballa ... | 26,777 | 5 | 8 | 13 | 61 | 30 | 31 | ... | ... | 30 | 17 | ... | 14 | 4 | 6 | 10 | 25 | 119 |
| 16 | | Jagadhri ... | 12,300 | 9 | 4 | 13 | 6 | 3 | 3 | ... | ... | 2 | 1 | ... | 3 | 1 | 1 | 2 | 55 | 25 |
| 17 | | Shahabad ... | 10,218 | 3 | ... | 3 | 24 | 14 | 10 | ... | 1 | 12 | 2 | ... | 9 | 2 | 1 | 3 | 15 | 122 |
| 18 | | Sadhaura ... | 10,794 | 4 | 5 | 9 | 13 | 10 | 3 | ... | ... | 9 | ... | ... | 4 | 3 | ... | 3 | 43 | 63 |
| 19 | | Rupar ... | 10,326 | 4 | 2 | 6 | 12 | 5 | 7 | ... | ... | 5 | 3 | ... | 4 | 1 | 2 | 3 | 30 | 61 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 6 | 7 | 13 | 24 | 14 | 10 | ... | ... | 15 | 5 | ... | 4 | 6 | 3 | 9 | 51 | 94 |
| 21 | | Tanda and Urmar ... | 10,295 | 6 | 7 | 13 | 16 | 7 | 9 | ... | ... | 14 | ... | ... | 2 | 2 | 3 | 5 | 66 | 81 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 18 | 12 | 30 | 32 | 13 | 19 | ... | ... | 18 | 8 | ... | 6 | 3 | 6 | 9 | 50 | 54 |
| 23 | | " Suburbs ... | 11,474 | 10 | 7 | 17 | 6 | 4 | 2 | ... | ... | 2 | 2 | ... | 2 | 2 | ... | 2 | 77 | 27 |
| 24 | | Rahon ... | 11,736 | 3 | 5 | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 36 | ... |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 24 | 19 | 43 | 53 | 28 | 25 | ... | 1 | 42 | 2 | ... | 8 | 5 | 6 | 11 | 51 | 63 |
| 26 | | Jagraon ... | 16,873 | 12 | 8 | 20 | 23 | 9 | 14 | ... | ... | 10 | 5 | ... | 8 | 4 | 5 | 9 | 62 | 71 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 7 | 7 | 14 | 21 | 5 | 16 | ... | ... | 14 | ... | ... | 7 | 1 | 7 | 8 | 35 | 52 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 14 | 22 | 36 | 25 | 11 | 14 | ... | ... | 9 | 4 | ... | 12 | 4 | 7 | 11 | 59 | 41 |
| 29 | | " Suburbs ... | 25,593 | 18 | 21 | 39 | 33 | 17 | 16 | ... | ... | 20 | 4 | ... | 9 | 7 | 6 | 13 | 79 | 67 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 9 | 7 | 16 | 23 | 13 | 10 | ... | ... | 14 | 1 | ... | 8 | 7 | 2 | 9 | 66 | 95 |
| 31 | | Chiniot ... | 11,191 | 6 | 6 | 12 | 10 | 4 | 6 | ... | ... | 6 | ... | ... | 4 | 1 | 2 | 3 | 56 | 47 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 53 | 42 | 95 | 124 | 57 | 67 | ... | ... | 96 | 4 | ... | 24 | 15 | 14 | 29 | 51 | 6[illegible] |
| 33 | | " Suburbs ... | 41,670 | 5 | 11 | 16 | 37 | 22 | 15 | ... | ... | 23 | 6 | ... | 8 | 1 | 2 | 3 | 20 | 4[illegible] |
| 34 | | Kasur ... | 17,336 | 6 | 7 | 13 | 25 | 12 | 13 | ... | ... | 21 | ... | ... | 4 | 3 | 4 | 7 | 39 | 7[illegible] |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 60 | 64 | 124 | 232 | 118 | 114 | ... | ... | 130 | 22 | ... | 80 | 22 | 40 | 62 | 45 | 84 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 8 | 22 | 27 | 9 | 18 | ... | ... | 21 | 1 | ... | 5 | 2 | 1 | 3 | 47 | 58 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 23 | 20 | 43 | 106 | 46 | 60 | ... | ... | 64 | 20 | ... | 22 | 12 | 9 | 21 | 66 | 163 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 5 | 4 | 9 | 162 | 76 | 86 | ... | ... | 153 | 4 | ... | 5 | 6 | 10 | 16 | 25 | 451 |
| 39 | | Jalalpur ... | 12,839 | 3 | 2 | 5 | 47 | 19 | 28 | ... | ... | 27 | 13 | ... | 7 | 3 | 2 | 5 | 20 | 191 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 9 | 7 | 16 | 65 | 36 | 29 | ... | ... | 53 | ... | 1 | 11 | 6 | 6 | 12 | 36 | 148 |
| 41 | | Wazirabad ... | 16,462 | 10 | 13 | 23 | 70 | 35 | 35 | 1 | ... | 60 | 3 | ... | 6 | 4 | 8 | 12 | 73 | 222 |
| 42 | Shahpur ... | Bhera ... | ... | Returns not received. | | | | | | | | | | | | | | | | |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 6 | 5 | 11 | 25 | 15 | 10 | ... | ... | 19 | 2 | ... | 4 | 7 | 4 | 11 | 34 | 78 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 6 | 12 | 19 | 9 | 10 | ... | ... | 11 | 7 | ... | 1 | 1 | 1 | 2 | 37 | 69 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 12 | 11 | 23 | 32 | 19 | 13 | ... | ... | 16 | 4 | ... | 12 | 6 | 1 | 7 | 43 | 60 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 23 | 24 | 47 | 49 | 26 | 23 | ... | ... | 34 | ... | ... | 15 | 8 | 5 | 13 | 41 | 43 |
| 47 | Kohat ... | Kohat ... | 13,490 | 4 | 5 | 9 | 11 | 6 | 5 | ... | ... | 4 | 1 | ... | 6 | 1 | 4 | 5 | 35 | 43 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | ... | Returns not received. | | | | | | | | | | | | | | | | |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 10 | 11 | 21 | 22 | 10 | 12 | ... | ... | 8 | 4 | ... | 10 | 1 | 3 | 4 | 56 | 58 |
| | Birth and death rate of London for the week ending 11th October 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28·4 | 17·4 |
| | Grand Total ... | | 1,277,637 | 580 | 565 | 1,145 | 1,817 | 879 | 938 | 1 | 8 | 1,172 | 193 | 2 | 441 | 189 | 229 | 418 | 47 | 74 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... ... | 12,305 | 1 | ... | 1 | 9 | 7 | 2 | ... | 3 | 6 | ... | ... | ... | ... | ... | ... | 4 | 38 |
| | Dharmsala ... | ... ... ... | 3,839 | ... | 5 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 68 | ... |
| | Dalhousie ... | ... ... ... | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 60 |
| | Murree ... | ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

A. STEPHEN, Surgeon-Major,

*Sanitary Commissioner, Punjab.*

SANITARY COMMISSIONER'S OFFICE,
Lahore:
*The 22nd November* 1890.

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 1st November 1890.*

*General Results.*—The return is incomplete, the registers for the districts of Shahpur, Bannu and Dera Ismail Khan not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 30,990 against 33,284 in the previous week and 18,082 in the corresponding week of the past year, giving respectively an annual death-rate of 91·6, 98·3 and 53·4 per 1,000 of population. The death-rate was 6·7 per 1,000 less than the rate registered last week, but was more than double 43·5 per 1,000, the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There were 2 deaths registered under the head of cholera, one in the village of Palla, Police Station Alipur, District Delhi, and the other in the Municipal town of Wazirabad, District Gujranwala.

*Small-pox.*—From small-pox 51 deaths were registered against 49 in the previous week and 42 in the corresponding week of the past year.

*Fevers.*—From fevers there were 26,739 deaths against 29,201 in the previous week and 14,221 in the corresponding week of the past year. Two thousand four hundred and sixty-two fewer deaths were registered under the head of fevers than in the previous week, and of these 1,877 were due to the diminished fever mortality in the Sialkot, Gujrat and Gujranwala Districts. The fever mortality in these three districts was at the annual rates of 282, 200 and 212 per 1,000 respectively.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 675 deaths against 648 in the previous week and 478 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Five hundred and twenty-seven against 456 and 605.

*Snake-bite.*—Nine against 10 and 5.

*Hydrophobia.*—Two against 1 and 1.

*All other causes.*—Two thousand nine hundred and eighty-five against 2,908 in the previous week and 2,728 in the corresponding week of the past year.

*Infantile mortality.*—Six thousand three hundred and twenty-three deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 3,231 were males and 3,092 females.

*Births and Deaths in Municipal Towns.*—In the 47 large Municipal towns 1,817 deaths were registered (879 males and 938 females), giving a death-rate of 74 per mille of population; 1,145 births were registered (580 males and 565 females), giving a birth-rate of 47 per mille of population. The registered death-rate in the principal Municipal towns was 18·7 per 1,000 less than that of the rest of the Province, but was 22·8 per 1,000 greater than the annual average rate of the principal towns for the corresponding week of the five years 1885—1889. The registered mortality of the towns of Gujrat, Wazirabad and Jalalpur was at the very high annual rates of 451, 222 and 191 per 1,000 respectively.

LAHORE:
*The 22nd November 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

## RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY).

*Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of October 1890 as compared with the same month of the previous year.*

| | Staples. | Total 1890. | Total 1889. | Increase. | Decrease. | Remarks. |
|---|---|---|---|---|---|---|
| | | Tons. | Tons. | Tons. | Tons. | |
| I | Coal and Coke ... | 1,370 | 1,520 | ... | 150 | |
| II | Cotton, Raw— | | | | | |
| | Cotton, full-pressed ... | 327 | 1,550 | ... | 1,223 | |
| | Do., intermediate and half-pressed. | 9 | 184 | ... | 175 | |
| | Do., unpressed ... | 346 | 449 | ... | 103 | |
| III | Cotton twist and yarn ... | 559 | 377 | 182 | ... | |
| IV | Cotton piece-goods— | | | | | |
| | (1) European ... | 2,160 | 2,332 | ... | 172 | |
| | (2) Indian ... | 955 | 700 | 255 | ... | |
| V | Drugs and medicines ... | 64 | 104 | ... | 40 | |
| VI | Dye roots and colours ... | 285 | 278 | 7 | ... | |
| VII | Firewood ... | 200 | 269 | ... | 69 | |
| VIII | Grains— | | | | | |
| | (1) Wheat ... | 6,300 | 8,538 | ... | 2,238 | |
| | (2) Other grains ... | 19,064 | 10,836 | 8,228 | ... | |
| IX | Hay and grass ... | 4 | 5 | ... | 1 | |
| X | Hides and skins ... | 372 | 381 | ... | 9 | |
| XI | Flax, hemp and jute— | | | | | |
| | (1) Raw ... | 58 | 15 | 43 | ... | |
| | (2) Gunny bags ... | 740 | 665 | 75 | ... | |
| XII | Leather manufactured ... | 54 | 45 | 9 | ... | |
| XIII | Liquors, wines, spirits and beer ... | 347 | 156 | 191 | ... | |
| XIV | Machinery ... | 427 | 97 | 330 | ... | |
| XV | Metals— | | | | | |
| | (1) Iron and Steel ... | 1,455 | 1,494 | ... | 39 | |
| | (2) Brass and Copper ... | 529 | 287 | 242 | ... | |
| | (3) Zinc and Spelter ... | 144 | 84 | 60 | ... | |
| | (4) Lead ... | 17 | 128 | ... | 111 | |
| | (5) Others ... | 233 | 412 | ... | 179 | |
| XVI | Military Stores ... | 631 | 326 | 305 | ... | |
| XVII | Mowra flowers and seeds ... | 85 | 149 | ... | 64 | |
| XVIII | Oils— | | | | | |
| | (1) Kerosine ... | 470 | 332 | 138 | ... | |
| | (2) Others ... | 294 | 341 | ... | 47 | |
| XIX | Oil Seeds— | | | | | |
| | (1) Linseed ... | 556 | 537 | 19 | ... | |
| | (2) Rape seed ... | 594 | 1,990 | ... | 1,396 | |
| | (3) Other oil seeds ... | 3,359 | 1,801 | 1,558 | ... | |
| XX | Opium ... | 191 | 218 | ... | 27 | |
| XXI | Provisions— | | | | | |
| | (1) Ghi ... | 478 | 295 | 183 | ... | |
| | (2) Dried Fruits and Nuts ... | 328 | 382 | ... | 54 | |
| | (3) Cocoanuts ... | 340 | 454 | ... | 114 | |
| | (4) Oilman stores ... | 32 | 17 | 15 | ... | |
| | (5) Fruits, green, and vegetables... | 436 | 254 | 182 | ... | |
| | (6) Others ... | 255 | 90 | 165 | ... | |
| XXII | Railway material and rolling stock ... | 5,009 | 6,205 | ... | 1,196 | |
| XXIII | Salt ... | 23,088 | 22,603 | 485 | ... | |
| XXIV | Saltpetre ... | 294 | 259 | 35 | ... | |
| XXV | Silk, raw and manufactured ... | 19 | 11 | 8 | ... | |
| XXVI | Spices ... | 308 | 184 | 124 | ... | |
| XXVII | Sugar and jagri ... | 5,916 | 3,900 | 2,016 | ... | |
| XXVIII | Stones and lime— | | | | | |
| | (1) Marble ... | 657 | 371 | 286 | ... | |
| | (2) Others ... | 2,292 | 572 | 1,720 | ... | |
| XXIX | Tea— | | | | | |
| | (1) Foreign ... | 65 | 45 | 20 | ... | |
| | (2) Indian ... | 17 | 15 | 2 | ... | |
| XXX | Timber ... | 664 | 582 | 82 | ... | |
| XXXI | Tobacco ... | 695 | 627 | 68 | ... | |
| XXXII | Wool— | | | | | |
| | (1) Raw ... | 334 | 899 | ... | 565 | |
| | (2) Piece-goods, woollen ... | 44 | 10 | 34 | ... | |
| XXXIII | All other articles ... | 7,119 | 6,618 | 501 | ... | |
| | **Total** ... | 90,539 | 80,993 | 17,568 | 7,972 | |
| | *Net* Increase ... | ... | ... | 9,596 | ... | |

TRAFFIC AUDIT OFFICE,
AJMERE:
*The 21st November 1890.*

J. O'CONNELL,
*Chief Auditor and Accountant.*

Punjab Government Press, Lahore—4-12-90—690.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 11, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 9th DECEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | 0·24 in Bhiwáni<br>0·21 in Fatahabad.<br>0·24 in Barwála.<br>0·26 in Budláda | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Fluctuating. | Yield below average. | Rain wanted. |
| 3 | Umballa ... | 0·47 | ... | Stationary. | ... | Crops germinated. |
| 4 | Jullundur ... | ... | Sufficient. | Do. | ... | Rain wanted. Rabi weedings and poppy sowings commenced. |
| 5 | Ferozepore ... | Weather cloudy | Do. | Do. | ... | ... |
| 6 | Amritsar ... | 0·36 average ... | Do. | Do. | ... | Condition of crops good. No complaints against canal working. |
| 7 | Siálkot ... | Slight rainfall. | Do. | Do. | ... | Crops promising. |
| 8 | Lahore ... | 0·22 at Lahore.<br>0·12 in Kasúr.<br>0·12 in Sharakpur. | Do. | Do. | ... | Sowings of wheat and barley in progress.<br>Prospects of standing crops much improved by recent rain, but more is still wanted for unirrigated lands. |
| 9 | Mooltan ... | 0·02 at Sadr.<br>0·15 in Kabírwála. | Sufficient except in Rawa. | Do. | ... | Crops in good condition. |
| 10 | Ráwalpindi ... | 0·30 at Ráwalpindi.<br>0·40 in Gujar Khan.<br>1·20 in Murree.<br>0·50 in Fatahjang.<br>0·55 in Pindigheb. | Sufficient. | Do. | ... | Prospects average.<br>Locusts appeared in Kahuta and Ráwalpindi Tahsils, but no damage done. |
| 11 | Shahpur ... | Rainfall throughout. | Do. | Falling. | ... | Crops much improved. |
| 12 | D. I. Khan ... | ... | Average. | Stationary. | ... | Sowings nearly finished. |
| 13 | Peshawar ... | 0·39 | Sufficient. | Do. | ... | Wheat and barley sowings in progress.<br>Prospects fair. |

*GENERAL REMARKS.*

Rain has fallen in all districts except Delhi, Jullundur and Dera Ismail Khan. Prices unsettled in Delhi; falling in Shahpur and stationary elsewhere. Sowing and weeding of rabi crops in progress. Harvesting of kharif crops over. Rain reported to be much wanted in Hissar, Delhi, Jullundur and Lahore. Kharif outturn below average in Delhi. Rabi crops have germinated and are promising. Condition improved by recent rain in most districts. Locusts appeared in Ráwalpindi and Kahuta Tahsils, but did no damage. Fodder sufficient in all districts except part of Mooltan. Poppy sowings commenced in Jullundur.

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The Gauges in use are indicated thus—
*b*—Watson's Improved.
*s*—Symon's Improved.
Stations not thus marked, use the Symon's Improved Gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. *Week ending 22nd November* 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Sunday 16th. | Monday 17th. | Tuesday 18th. | Wednesday 19th. | Thursday 20th. | Friday 21st. | Saturday 22nd. | Total. | Special Remarks. |
| Hissar. | Dhaneta *C* ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Punahána ... | 29th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Kotra *C* ... | 12th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SATURDAY, THE 29th NOVEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Month of November* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Sunday 23rd. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | TOTAL. | SPECIAL REMARKS. |
| HISSAR. | Sirsa *s* | 24th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barwála ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar *s* | 28th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hánsi ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda ... | 11th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta *C* ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| ROHTAK. | Rohtak *s* | 22nd October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar ... | 28th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| GURGAON. | Farukhnagar ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusana ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur ... | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru ... | 24th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattin ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon *s* | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DELHI. | Ballabgarh ... | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli ... | 17th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) *s* | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| KARNAL. | Pánipat ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Karnál *s* | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah ... | 14th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| UMBALLA. | Pipli ... | 18th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa *s* | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kharar ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rúpar ... | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra *C* ... | 12th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jodhpur *C* ... | 16th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki *C* ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur *C* ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SIMLA. | Kasauli *s* | 19th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla *s* | 19th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Kotgarh ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| KANGRA. | Plách ... | 19th Novr. ... | ... | ... | 0·03 | ... | ... | ... | ... | 0·03 | |
| | Kulu *s* | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nagar ... | Ditto ... | ... | ... | 0·05 | ... | ... | ... | ... | 0·05 | |
| | Pálampur ... | 19th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hamírpur ... | 1st October ... | ... | ... | ... | R. | ... | ... | ... | ... | |
| | Dera ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kángra ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála *s* | 20th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nurpur ... | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | Weather cloudy and warm. |
| HOSHIARPUR. | Dasúya ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Una ... | 30th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Garhshankar ... | 19th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station ... | 30th Septr. ... | ... | ... | ... | ... | ... | ... | R. | ... | |
| | Hoshiárpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of November 1890. Sunday 23rd. | Monday 24th. | Tuesday 25th | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | Total. | Special Remarks. |
| Jullundur. | Jullundur | s | 1st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála | ... | 25th Septr. | ... | .. | ... | ... | ... | ... | ... | ... | |
| | Ludhiána | s | 19th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagraon | ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ferozepore. | Moga | ... | 22nd October | ... | ... | ... | ... | ... | ... | ... | ... | } Stat. not received. |
| | Zíra | ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | } |
| | Ferozepore | ... | 21st Do. | ... | 0·21 | 0·11 | ... | ... | ... | ... | 0·32 | |
| | Ferozepore City | ... | 27th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | } Ditto. |
| | Muktsar | ... | 20th October | ... | ... | ... | ... | ... | ... | ... | .. | } |
| | Fázilka | ... | 8th August | ... | 0·12 | ... | ... | ... | ... | ... | 0·12 | |
| | Nathána | ... | 19th October | ... | ... | ... | .. | ... | ... | ... | ... | Ditto. |
| | Gobindgarh C | ... | 8th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | ... | 23rd August | ... | ... | 0·20 | 0·32 | ... | ... | ... | 0·52 | |
| | Lodhrán | ... | Ditto | ... | ... | 0·06 | 0·25 | ... | ... | ... | 0·31 | |
| | Shujabad | ... | 20th October | ... | ... | 0·04 | 0·23 | 0·46 | ... | ... | 0·73 | |
| | Mooltan | ... | 11th August | ... | ... | ... | 0·58 | 0·33 | ... | ... | 0·91 | |
| | Kabírwála | ... | 23rd Do. | ... | ... | 0·05 | 0·33 | 0·35 | ... | ... | 0·73 | |
| Jhang. | Shorkot | ... | 23rd August | ... | ... | ... | 0·30 | 0·30 | ... | ... | 0·60 | |
| | Jhang | s | Ditto | ... | R. | ... | 0·30 | 0·20 | ... | ... | 0·50 | |
| | Chiniot | ... | 20th October | ... | ... | 0·10 | 0·30 | ... | ... | ... | 0·40 | |
| Montgomery. | Gugera | ... | 23rd August | ... | ... | ... | 0·34 | 0·07 | ... | ... | 0·41 | |
| | Montgomery | s | Ditto | ... | ... | ... | 0·35 | 0·23 | ... | ... | 0·58 | |
| | Pákpattan | ... | 12th August | ... | ... | ... | 0·21 | ... | ... | ... | 0·21 | |
| | Dipálpur | ... | 23rd Do. | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |
| Lahore. | Van C | B | 21st October | ... | ... | ... | 0·31 | ... | ... | ... | 0·31 | |
| | Chúnián | ... | 19th Do. | ... | ... | 0·21 | ... | ... | ... | 0·18 | 0·39 | |
| | Kasúr | ... | 26th Septr | ... | ... | 0·35 | 0·10 | ... | ... | ... | 0·45 | |
| | Pambe C | ... | 21st October | ... | ... | ... | 0·40 | ... | ... | ... | 0·40 | |
| | Sharakpur | .. | 20th Do. | ... | ... | ... | 0·55 | ... | ... | ... | 0·55 | |
| | Niás Beg C | ... | 22nd Do. | ... | ... | ... | 0·85 | ... | ... | ... | 0·85 | |
| | Lahore | s | 23rd August | ... | ... | ... | 0·40 | ... | ... | ... | 0·40 | |
| | Meean Meer C | B | 21st October | ... | ... | ... | 0·50 | ... | ... | ... | 0·50 | |
| | Manihála C | | Ditto | ... | ... | ... | 0·36 | ... | ... | ... | 0·36 | |
| | Dafthu C | B | Ditto | ... | ... | ... | 0·47 | ... | ... | ... | 0·47 | |
| Amritsar. | Buchar C | B | 21st October | ... | ... | ... | 0·40 | ... | ... | ... | 0·40 | |
| | Khara C | ... | 20th Do. | ... | ... | ... | 0·20 | ... | ... | ... | 0·20 | |
| | Tarn Táran | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raya C | ... | 21st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála C | ... | Ditto | ... | ... | ... | ... | ... | .. | ... | ... | |
| | Jail Hospital | s | 20th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Amritsar Sadr | ... | Ditto | ... | ... | ... | 0·07 | ... | ... | ... | 0·07 | |
| | Amritsar C | ... | 21st October | ... | 0·03 | ... | ... | ... | ... | ... | 0·03 | |
| | Buggeh C | ... | Ditto | ... | 0·10 | ... | 0·10 | ... | ... | ... | 0·20 | |
| | Ajnála | ... | 19th Novr. | ... | ... | ... | 0·19 | .. | ... | ... | 0·19 | |
| Gurdaspur. | Aliwál C | ... | 21st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Batála | ... | 20th Do. | ... | ... | ... | 0·05 | ... | ... | ... | 0·05 | |
| | Kaler C | ... | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tibri C | ... | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur | s | 20th October | ... | ... | ... | 0·04 | ... | ... | ... | 0·04 | |
| | Bhímpur C | ... | 21st Do | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Pathánkot | ... | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie | s | 21st Do. | ... | ... | 0·17 | ... | ... | ... | ... | 0·17 | Stat. not received. |
| | Madhopur C | B | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shakargarh | ... | 20th October | ... | ... | ... | 0·06 | ... | ... | ... | 0·06 | |
| Sialkot. | Zafarwál | ... | 21st October | ... | ... | 0·18 | ... | ... | ... | ... | 0·18 | |
| | Pasrúr | ... | Ditto | ... | ... | ... | 0·09 | ... | ... | ... | 0·09 | |
| | Raya | ... | 27th Septr. | ... | ... | ... | 0·08 | ... | ... | ... | 0·08 | |
| | Daska | ... | 21st October | ... | ... | ... | 0·27 | ... | ... | ... | 0·27 | |
| | Siálkot | s | Ditto | ... | ... | ... | 0·15 | ... | ... | ... | 0·15 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. *Month of November* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Sunday 23rd. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr ... *s* | 19th Novr. ... | ... | ... | 0·04 | 0·17 | ... | ... | ... | 0·21 | Present rainfall has benefitted the rabi sowings. Fodder sufficient. |
| | Khárián ... | Ditto ... | ... | ... | ... | 0·05 | 0·06 | ... | ... | 0·11 | |
| | Phália ... | 21st October ... | ... | ... | ... | 0·26 | 0·09 | ... | ... | 0·35 | |
| GUJRANWALA. | Rámnagar ... | 20th October ... | ... | ... | 0·23 | ... | ... | ... | 0·73 | 0·98 | More rain required for rabi sowings. Fodder sufficient. Prices stationery. |
| | Wazirabad ... | 19th Do. ... | ... | 0·07 | 0·20 | ... | ... | ... | ... | 0·27 | |
| | Sadr Kacheri *s* | Ditto ... | ... | 0·14 | 0·40 | ... | ... | ... | ... | 0·54 | |
| | Shekhupura ... | 22nd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad ... | 1st October ... | ... | ... | 0·50 | ... | ... | ... | ... | ... | |
| | Meluána *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh *s* | 23rd August ... | ... | ... | ... | 0·28 | 0·24 | 0·28 | ... | 0·80 | |
| | Sahiwál ... | 20th October ... | ... | ... | ... | 0·30 | 0·17 | ... | ... | 0·47 | |
| | Núrpur ... | 22nd August ... | ... | ... | ... | 0·65 | ... | ... | ... | 0·65 | |
| | Mitha Tiwána ... | 31st Do. ... | ... | ... | ... | 0·39 | ... | ... | 1·20 | 1·59 | |
| | Sakesar ... | 20th Do. ... | ... | 0·1 | 0·08 | 0·50 | ... | ... | ... | 0·59 | |
| | Naushahra ... | 31st Do. ... | ... | ... | 0·25 | 0·03 | 0·55 | 0·10 | ... | 0·93 | |
| | Khusháb ... | Ditto ... | ... | ... | ... | 0·55 | ... | ... | ... | 0·55 | |
| | Shahpur *s* | 20th October ... | ... | ... | ... | 0·50 | 0·50 | ... | ... | 1·00 | |
| | Bhera ... | Ditto ... | ... | ... | ... | 0·35 | ... | ... | ... | 0·35 | |
| | Miáni ... | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 21st October ... | ... | ... | 0·10 | 0·20 | ... | ... | ... | 0·30 | |
| | Sadr Station *s* | Ditto ... | ... | ... | 0·04 | 0·33 | ... | ... | ... | 0·37 | |
| | Chakwál ... | 20th October ... | ... | ... | ... | 0·52 | 0·24 | ... | ... | 0·76 | |
| | Talagang ... | 21st Do. ... | ... | 0·03 | 0·19 | 0·27 | 0·53 | ... | ... | 1·02 | |
| RAWALPINDI. | Pindigheb ... | 3rd October ... | 0·05 | 0·25 | 0·08 | 0·70 | ... | ... | ... | 1·08 | |
| | Fatahjang ... | 13th Do. ... | ... | 0·50 | ... | 0·55 | ... | ... | ... | 1·05 | |
| | Attock ... | 22nd Do. ... | 0·10 | ... | 0·70 | 0·90 | 0·80 | 0·10 | ... | 2·60 | |
| | Ráwalpindi *s* | 20th Do. ... | ... | 0·40 | 0·21 | 0·35 | ... | ... | ... | 0·96 | |
| | Gujar Khan ... | Ditto ... | ... | 0·20 | 0·24 | 0·25 | ... | ... | ... | 0·69 | |
| | Kahúta ... | Ditto ... | ... | 0·28 | 0·33 | 0·11 | ... | ... | ... | 0·72 | |
| | Murree *s* | 21st October ... | ... | 2·30 | 0·90 | 0·60 | ... | ... | ... | 3·80 | |
| HAZARA. | Abbott-abad *s* | 19th Novr. ... | ... | 0·72 | 1·85 | 0·66 | 0·38 | 0·06 | ... | 3·67 | |
| | Mansahra ... | Ditto ... | ... | 0·75 | 1·99 | 0·78 | 0·27 | 0·07 | ... | 3·86 | |
| | Haripur ... | 20th October ... | ... | ... | 0·90 | 0·10 | 0·60 | ... | ... | 1·60 | |
| PESHAWAR. | Sawábi ... | 22nd October ... | ... | 0·20 | 0·61 | 0·20 | 0·93 | 0·06 | ... | 2·00 | |
| | Lahore (Utman Bolak) | Ditto ... | ... | 0·15 | 0·64 | 0·28 | 1·12 | 0·18 | ... | 2·37 | |
| | Nowshera ... | 20th October ... | 0·21 | 1·05 | 2·55 | 1·07 | 0·11 | ... | ... | 4·99 | |
| | Mardán *s* | Ditto ... | ... | 0·25 | 1·08 | 1·00 | 1·00 | 0·16 | ... | 3·49 | |
| | Katlang ... | 21st October ... | ... | 0·30 | 1·29 | 0·92 | 1·05 | 0·15 | ... | 3·71 | |
| | Hashtnagar ... | 20th Do. ... | ... | 0·02 | 0·80 | 1·83 | 1·13 | 0·20 | ... | 3·98 | |
| | Doab Daudzai ... | 22nd Do. ... | ... | 0·23 | 0·58 | 1·65 | 1·08 | 0·20 | ... | 3·74 | |
| | Peshawar *s* | 22nd Novr. ... | 0·12 | 0·64 | 1·00 | 1·40 | 1·15 | 0·10 | ... | 4·41 | |
| KOHAT. | Kohát *s* | 22nd October ... | ... | 0·20 | 0·75 | 0·50 | 1·11 | 0·04 | ... | 2·60 | |
| | Hangu ... | Ditto ... | 1·00 | 1·20 | 2·20 | 1·70 | 2·10 | 0·20 | ... | 8·40 | |
| | Thal ... | 28th August ... | 0·40 | 0·50 | 0·50 | 1·50 | 1·50 | ... | ... | 4·40 | |
| | Karak ... | 21st October ... | 0·16 | 0·41 | 0·56 | 0·55 | 0·02 | ... | ... | 1·70 | |
| BANNU. | Miánwáli ... | 21st August ... | ... | ... | ... | ... | 0·70 | ... | ... | 0·70 | |
| | Isa Khel ... | 1st Septr. ... | ... | 0·05 | 0·04 | 0·63 | ... | ... | ... | 0·72 | |
| | Bannu *s* | 22nd August ... | 0·28 | 0·12 | 1·40 | 0·47 | ... | ... | 0·44 | 2·71 | |
| | Marwat ... | Ditto ... | ... | 0·14 | 0·11 | 0·20 | 0·50 | 0·04 | ... | 0·99 | |
| DERA ISMAIL KHAN. | Tánk ... | 1st Septr. ... | ... | ... | 0·20 | 0·86 | 0·87 | ... | ... | 1·93 | |
| | Kuláchi ... | Ditto ... | ... | ... | ... | 0·10 | 0·75 | ... | ... | 0·85 | |
| | D. I. Khan *s* | Ditto ... | ... | 0·05 | 0·03 | 0·21 | 0·60 | 0·03 | ... | 0·92 | |
| | Bhakkar ... | Ditto ... | ... | ... | ... | 0·38 | 0·46 | ... | ... | 0·84 | |
| | Leiah ... | 23rd August ... | ... | ... | ... | ... | 0·75 | ... | ... | 0·75 | |
| DERA GHAZI KHAN. | Sangarh ... | 23rd August ... | ... | ... | ... | 0·07 | 1·02 | 0·04 | ... | 1·13 | |
| | Dera Gházi Khan *s* | 22nd Do. ... | ... | ... | ... | 0·30 | 1·20 | ... | ... | 1·50 | |
| | Fort Munro *s* | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 22nd Do. ... | ... | ... | 0·30 | 1·10 | ... | ... | ... | 1·40 | |
| | Rájanpur ... | 12th Do. ... | ... | ... | ... | 0·33 | 1·00 | ... | ... | 1·33 | |
| MUZAFFARGARH. | Alipur ... | 11th August ... | ... | 0·08 | 0·09 | 0·31 | ... | ... | ... | 0·48 | |
| | Muzaffargarh *s* | 20th October ... | ... | ... | 0·15 | 0·59 | ... | ... | ... | 0·74 | |
| | Sináuwán ... | 22nd August ... | ... | ... | 0·23 | 1·20 | ... | ... | ... | 1·43 | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 17 | 18 | 22 | 20 | 26 | ... | ... | ... | 10 | 12 | 10 | 22 | 21 | 26 | 22 | 21 | 22 |
| Rohtak ... | 18 | 18 | 18 | 20 | 18 | 21 | ... | ... | ... | 10 | 10 | 10 | 24 | 22 | 23 | 21 | 20 | 20 |
| Gurgaon ... | 17 | 17 | 16 | 21 | 20 | 25 | ... | ... | ... | 10 | 10 | 9 | 23 | 23 | 25 | 20 | 20 | 20 |
| Delhi ... | 16 | 16 | 17 | 19 | 18 | 24 | ... | ... | ... | 12 | 13 | 12 | 20 | 19 | 22 | 18 | 18 | 19 |
| Karnál ... | 17 | 17 | 18 | 20 | 20 | 28 | ... | ... | ... | 12 | 12 | 12 | 22 | 23 | 25 | 18 | 19 | 17 |
| Umballa ... | 18 | 18 | 19 | 20 | 20 | 24 | ... | ... | ... | 12 | 12 | 10 | 21 | 21 | 20 | 20 | 20 | 18 |
| Simla ... | 13 | 13 | 15 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 9 | 13 | 13 | 15 | 14 | 14 | 13 |
| Kángra ... | 18 | 18 | 20 | 24 | 24 | 28 | ... | ... | ... | 14 | 14 | 14 | 13 | 14 | 16 | 10 | 11 | 10 |
| Hoshiárpur ... | 19 | 20 | 22 | 25 | 24 | 32 | ... | ... | ... | 10 | 10 | 10 | 25 | 26 | 27 | 18 | 18 | 20 |
| Jullundur ... | 19 | 19 | 21 | 24 | 24 | 32 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 30 | 19 | 19 | 20 |
| Ludhiána ... | 18 | 18 | 21 | 23 | 21 | 33 | ... | ... | ... | 7 | 13 | 12 | 23 | 23 | 27 | 22 | 22 | 23 |
| Ferozepore ... | 18 | 19 | 20 | 24 | 25 | 34 | ... | ... | ... | 10 | 10 | 9 | 23 | 26 | 29 | 22 | 24 | 27 |
| Mooltan ... | 16 | 16 | 16 | 24 | 24 | 23 | ... | ... | ... | 12 | 12 | 10 | 26 | 25 | 23 | 24 | 23 | 22 |
| Jhang ... | 15 | 16 | 20 | 25 | 26 | 31 | ... | ... | ... | 9 | 10 | 8 | 20 | 23 | 27 | 20 | 20 | 23 |
| Montgomery ... | 16 | 17 | 18 | 24 | 24 | 28 | ... | ... | ... | 12 | 10 | 10 | 20 | 20 | 22 | 20 | 20 | 20 |
| Lahore ... | 16 | 17 | 19 | 26 | 26 | 34 | ... | ... | ... | 11 | 12 | 11 | 26 | 26 | 30 | 20 | 21 | 18 |
| Amritsar ... | 18 | 18 | 21 | 24 | 24 | 33 | ... | ... | ... | 12 | 12 | 11 | 24 | 25 | 33 | 20 | 20 | 18 |
| Gurdáspur ... | 19 | 20 | 23 | 24 | 25 | 28 | ... | ... | ... | 14 | 14 | 13 | 26 | 26 | 20 | 14 | 14 | 16 |
| Siálkot ... | 18 | 18 | 22 | 27 | 27 | 40 | ... | ... | ... | 14 | 14 | 15 | 30 | 30 | 32 | 24 | 30 | 27 |
| Gujrát ... | 19 | 19 | 22 | 30 | 30 | 35 | ... | ... | ... | 11 | 11 | 11 | 25 | 25 | 30 | 24 | 24 | 27 |
| Gujránwála ... | 19 | 20 | 20 | 29 | 30 | 38 | ... | ... | ... | 14 | 14 | 12 | 26 | 30 | 33 | 24 | 24 | 20 |
| Shahpur ... | 17 | 17 | 24 | 23 | 23 | 35 | ... | ... | ... | 10 | 10 | 10 | 24 | 24 | 30 | 22 | 22 | 28 |
| Jhelum ... | 20 | 21 | 23 | 26 | 27 | 34 | ... | ... | ... | 14 | 14 | 14 | 26 | 30 | 25 | 28 | 27 | 29 |
| Ráwalpindi ... | 18 | 18 | 21 | 32 | 31 | 42 | ... | ... | ... | 9 | 9 | 12 | 32 | 40 | 40 | 27 | 26 | 27 |
| Hazára § ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 17 | 18 | 22 | 31 | 32 | 50 | ... | ... | ... | 11 | 11 | 11 | 33 | 33 | 34 | 22 | 23 | 24 |
| Kohát ... | 19 | 19 | 24 | 28 | 30 | 52 | ... | ... | ... | 19 | 16 | 15 | 33 | 33 | 37 | 31 | 31 | 36 |
| Bannu ... | 22 | 22 | 28 | 39 | 43 | 48 | ... | ... | ... | 13 | 14 | 15 | 40 | 49 | 50 | 28 | 30 | 35 |
| D. I. Khan ... | 17 | 19 | 20 | 27 | 28 | 37 | ... | ... | ... | 9 | 9 | 9 | 32 | 34 | 36 | 27 | 29 | 29 |
| D. G. Khan ... | 16 | 16 | 17 | 23 | 23 | 24 | ... | ... | ... | 8 | 8 | 8 | 25 | 28 | 25 | 24 | 24 | 23 |
| Muzaffargarh | 16 | 17 | 18 | 23 | 25 | 26 | ... | ... | ... | 14 | 15 | 13 | 18 | 18 | 18 | 18 | 18 | 18 |

§ Not procurable.
‖ Statement not received.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th NOVEMBER 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | | REMARKS ON CURRENT VARIATIONS. |
| Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | |
| † | † | † | † | † | † | 23 | 23 | 26 | |
| † | † | † | 16 | 16 | 16 | 21 | 22 | 24 | |
| † | † | † | † | † | † | 20 | 20 | 23 | |
| † | † | † | 9 | 8 | 13 | 19 | 19 | 24 | |
| 20 | 20 | 22 | 16 | 16 | 18 | 20 | 21 | 24 | |
| 20 | 20 | 20 | 12 | 12 | 9 | 21 | 21 | 25 | |
| 17 | 17 | 19 | 10 | 10 | 8 | 16 | 16 | 19 | |
| | | | | | | | | | |
| 26 | 25 | 26 | 7 | 7 | 8 | 17 | 16 | 24 | |
| 12 | 12 | 13 | 16 | 20 | 32 | 20 | 20 | 27 | |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 22 | 21 | 30 | |
| † | † | † | 16 | 16 | 20 | 22 | 23 | 31 | |
| † | † | † | 20 | 20 | 16 | 24 | 24 | 30 | |
| | | | | | | | | | |
| † | † | † | 22 | 22 | 28 | 18 | 19 | 22 | |
| 21 | 30 | 24 | 22 | 30 | 24 | 16 | 16 | 18 | |
| § | § | § | 30 | 30 | 28 | 21 | 21 | 26 | |
| § | § | § | 24 | 24 | 22 | 21 | 21 | 29 | |
| † | † | † | 23 | 23 | 22 | 20 | 20 | 30 | |
| 6 | 6 | † | 12 | 12 | 14 | 19 | 25 | 26 | |
| | | | | | | | | | |
| 24 | 25 | 24 | 28 | 28 | 35 | 21 | 21 | 28 | |
| † | † | † | 10 | 10 | 12 | 20 | 24 | 27 | |
| † | † | § | 25 | 25 | 20 | 21 | 22 | 28 | |
| 20 | 20 | 20 | 18 | 18 | 20 | 20 | 20 | 31 | |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 20 | 21 | 26 | |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 20 | 19 | 26 | |
| | | | | | | | | | |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| † | † | † | 24 | 24 | 21 | 17 | 17 | 24 | |
| † | † | † | † | † | 25 | 20 | 18 | 25 | |
| | | | | | | | | | |
| 8 | 8 | 8 | 8 | 8 | 8 | 24 | 24 | 37 | |
| § | § | § | 6 | 6 | 6 | 22 | 22 | 27 | |
| § | § | § | § | § | § | 18 | 18 | 19 | |
| § | § | § | § | § | § | 18 | 18 | 19 | |

† Not produced.
‡ Not sold.
§ Not procurable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Maize (Zea Mays). | | | Arhar or Thur, Cadjan Pea (Cajanus Indicus). | | | Firewood. | | | Salt. | | | | | |
| | | | | | | | | | | Present fortnight ending 30th Novr. 1890. | | Past fortnight ending 15th Novr. 1890. | | Corresponding fortnight of 1889. | |
| District. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Whole-sale. | Retail. | Whole-sale. | Retail. | Whole-sale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 90 | 11 8 | 11 4 | 11 10 | 11 8 | 10 4 | 10 [illegible] |
| Rohtak ... | 19 | 19 | 18 | 18 | 18 | 20 | 120 | 120 | 120 | 11 0 | 10 0 | 10 8 | 10 0 | 11 0 | 10 [illegible] |
| Gurgaon ... | 23 | 23 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 13 0 | 11 0 | 13 0 | 11 0 | 12 0 | 11 [illegible] |
| Delhi ... | 18 | 18 | 23 | 19 | 20 | 25 | 90 | 80 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 [illegible] |
| Karnál ... | 21 | 22 | 27 | 18 | 18 | 21 | 120 | 120 | 160 | 11 0 | 10 8 | 10 8 | 10 0 | 10 8 | 10 [illegible] |
| Umballa ... | 21 | 21 | 24 | 16 | 16 | 20 | 130 | 130 | 120 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 13 [illegible] |
| Simla ... | 19 | 19 | 20 | 9 | 9 | 11 | 65 | 65 | 65 | 9 8 | 9 0 | 9 8 | 8 15 | 10 0 | 9 [illegible] |
| Kángra ... | 22 | 22 | 22 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | † | 11 [illegible] |
| Hoshiárpur ... | 25 | 26 | 26 | 12 | 12 | 16 | 90 | 90 | 85 | 13 4 | 13 2 | 13 4 | 13 2 | 12 12 | 12 [illegible] |
| Jullundur ... | 25 | 26 | 30 | ‡ | ‡ | ‡ | 100 | 100 | 100 | 13 0 | 12 6 | 13 0 | 12 8 | 13 0 | 12 [illegible] |
| Ludhiána ... | 23 | 23 | 26 | 13 | 14 | 14 | 110 | 110 | 110 | 14 8 | 13 8 | 14 8 | 13 6 | 13 0 | 12 [illegible] |
| Ferozepore ... | 24 | 25 | 29 | 10 | 10 | 11 | 100 | 105 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 [illegible] |
| Mooltan ... | 24 | 24 | 23 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 [illegible] |
| Jhang ... | 23 | 23 | 25 | 10 | 10 | 10 | 240 | 240 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 [illegible] |
| Montgomery... | 24 | 24 | 24 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 [illegible] |
| Lahore ... | 24 | 24 | 28 | 12 | 13 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 [illegible] |
| Amritsar ... | 23 | 23 | 27 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 14 0 | 13 0 | 13 0 | 12 [illegible] |
| Gurdáspur ... | 30 | 30 | 28 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 14 0 | 13 [illegible] |
| Siálkot ... | 22 | 23 | 28 | 12 | 12 | 12 | 100 | 100 | 180 | 14 2 | 13 8 | 14 2 | 13 8 | 14 0 | 13 [illegible] |
| Gujrát ... | 23 | 25 | 27 | † | † | † | 120 | 120 | 120 | * | 13 8 | * | 13 8 | * | 13 [illegible] |
| Gujránwála ... | 23 | 24 | 24 | † | † | § | 85 | 85 | 85 | 13 8 | 13 0 | 13 8 | 13 0 | 13 4 | 13 [illegible] |
| Shahpur ... | 24 | 24 | 27 | ‡ | ‡ | ‡ | 200 | 200 | 240 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 [illegible] |
| Jhelum ... | 28 | 28 | 26 | ‡ | ‡ | ‡ | 100 | 120 | 100 | 14 4 | 14 0 | 14 3 | 14 0 | 14 4 | 14 [illegible] |
| Ráwalpindi ... | 27 | 26 | 30 | 22 | 22 | 19 | 85 | 83 | 60 | 13 12 | 13 8 | 13 12 | 13 8 | 13 12 | 13 [illegible] |
| Hazára ‖ ... | ... | 31 | 36 | ... | † | † | ... | 100 | 100 | * | ... | * | 11 0 | * | 11 [illegible] |
| Peshawar ... | 24 | 26 | 34 | 25 | 25 | 20 | 100 | 110 | 93 | 42 0 | 40 0 | 42 0 | 41 0 | 38 0 | 37 [illegible] |
| Kohát ... | 31 | 33 | ‡ | 18 | 18 | † | 180 | 180 | 100 | 65 0 | 60 0 | 65 0 | 60 0 | 65 0 | 60 [illegible] |
| Bannu ... | 39 | 39 | 47 | 14 | 15 | 11 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 [illegible] |
| D. I. Khan ... | § | § | 29 | § | § | 15 | 112 | 125 | 100 | 44 0 | 42 0 | 44 0 | 42 0 | 48 0 | 45 [illegible] |
| D. G. Khan ... | § | § | 15 | § | § | § | 125 | 125 | 125 | 22 0 | 20 0 | 22 0 | 20 0 | 30 0 | 29 [illegible] |
| Muzaffargarh | § | § | § | § | 11 | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 11 [illegible] |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.
‖ Statement not received.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 30th NOVEMBER 1890—concluded.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 6 4 | 10 0 | 7 4 | 8 0 | 7 4 | 6 0 |
| 8 0 | 8 8 | 13 0 | 8 0 | 8 0 | 7 0 |
| 10 0 | 8 0 | 9 0 | 8 0 | 8 0 | 8 0 |
| 8 0 | 7 0 | 8 0 | 8 0 | 8 0 | 7 0 |
| 9 0 | 8 0 | 10 0 | 8 0 | 8 0 | 8 0 |
| 6 8 | 6 8 | 11 0 | 8 0 | 8 0 | 7 8 |
| 4 8 | 5 10 | 6 8 | † | † | 2 8 |
| | | | | | |
| 6 0 | 5 8 | 8 0 | 8 0 | 8 0 | 8 0 |
| 7 12 | 7 12 | 11 0 | 7 12 | 8 0 | 7 8 |
| 10 0 | 8 0 | 11 0 | 8 0 | 8 0 | 7 0 |
| 8 8 | 8 0 | 10 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 8 0 | 11 0 | 8 8 | 8 8 | 8 0 |
| | | | | | |
| 7 0 | 8 0 | 10 0 | 7 4 | 7 4 | 6 8 |
| 9 0 | 8 0 | 12 0 | 9 0 | 9 0 | 7 8 |
| 8 0 | 8 0 | 11 8 | 9 0 | 9 0 | 9 0 |
| 7 8 | 6 0 | 8 8 | 9 0 | 9 0 | 8 0 |
| 9 0 | 7 8 | 12 0 | 9 0 | 9 4 | 8 0 |
| 8 0 | 8 0 | 12 8 | 8 0 | 8 0 | 9 0 |
| | | | | | |
| 9 0 | 9 0 | 15 0 | 9 0 | 9 0 | 9 0 |
| 8 0 | 8 0 | 11 0 | 9 0 | 8 0 | 10 0 |
| 8 8 | 8 8 | 11 8 | 9 0 | 9 0 | 8 0 |
| 8 0 | 8 0 | 11 0 | 9 0 | 9 0 | 8 0 |
| 8 0 | 10 0 | 11 0 | 10 0 | 10 0 | 10 0 |
| 7 0 | 7 8 | 12 0 | 10 0 | 10 0 | 8 0 |
| | | | | | |
| ... | 6 8 | 8 0 | ... | § | § |
| 6 8 | 6 12 | 9 2 | 9 0 | 8 14 | 8 11 |
| 6 8 | 7 2 | 7 8 | 9 0 | 10 0 | 10 0 |
| | | | | | |
| 8 2 | 9 8 | 13 2 | 10 0 | 10 0 | 8 12 |
| 6 9 | 7 8 | 11 0 | § | § | 8 12 |
| 6 14 | 5 0 | 7 13 | 8 12 | 8 0 | 8 8 |
| 8 0 | 7 0 | 9 0 | 8 0 | 8 0 | 8 0 |

† Not produced.
§ Not procurable.

REMARKS ON CURRENT VARIATIONS.

*Firewood.*—Prices average 121 seers as compared with 121 seers in last fortnight and 115 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 160 | 120 | 120 |
| Hoshiárpur | ... | 85 | 90 | 90 |
| Montgomery | ... | 200 | 253 | 253 |
| Siálkot | ... | 180 | 100 | 100 |
| Kohát | ... | 100 | 180 | 180 |
| Bannu | ... | 60 | 80 | 80 |

*Lahori Salt.*—Prices average 12 seers 4 chataks as compared with 12 seers 4 chataks in last fortnight and 12 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs C. | Srs. C. | Srs. C. |
| Hissar | ... | 10 0 | 11 8 | 11 4 |
| Ludhiána | ... | 12 8 | 13 6 | 13 8 |
| Mooltan | ... | 12 0 | 13 0 | 13 0 |
| Siálkot | ... | 13 0 | 13 8 | 13 8 |

*Kohát Salt.*—Prices average 40 seers 6 chataks as compared with 40 seers 10 chataks in last fortnight and 42 seers 3 chataks in corresponding period of 1889. The following are the chief variations :—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Pesháwar | ... | 37 | 41 | 40 |
| D. G. Khan | ... | 29 | 20 | 20 |

*Gur.*—Prices average 7 seers 14 chataks as compared with 7 seers 11 chataks in last fortnight and 10 seers 7 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs C. | Srs. C. | Srs. C. |
| Rohtak | ... | 13 0 | 8 8 | 8 0 |
| Hoshiárpur | ... | 11 0 | 7 12 | 7 12 |
| Gurdáspur | ... | 12 8 | 8 0 | 8 0 |
| Siálkot | ... | 15 0 | 9 0 | 9 0 |
| Peshawar | ... | 9 2 | 6 12 | 6 8 |
| Bannu | ... | 13 2 | 9 8 | 8 2 |

*Cotton (Unginned).*—Prices average 8 seers 10 chataks as compared with 8 seers 9 chataks in last fortnight and 8 seers 2 chataks in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Srs. C. | Srs C. | Srs. C. |
| Hissar | ... | 6 0 | 7 4 | 8 0 |
| Jullundur | ... | 7 0 | 8 0 | 8 0 |
| Jhang | ... | 7 8 | 9 0 | 9 0 |
| Ráwalpindi | ... | 8 0 | 10 0 | 10 0 |
| Kohát | ... | 10 0 | 10 0 | 9 0 |
| Bannu | ... | 8 12 | 10 0 | 10 0 |

**TULSI DAS,** *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 18 | 20 | 19 | 25 | ... | ... | ... | 13 | 14 | 13 | 21 | 20 | 23 | 19 | 19 | 20 | † | † | † |
| Ferozepore ... | 18 | 19 | 20 | 24 | 25 | 34 | ... | ... | ... | 10 | 10 | 10 | 23 | 26 | 29 | 22 | 24 | 27 | † | † | † |
| Mooltan ... | 16 | 17 | 16 | 24 | 24 | 24 | ... | ... | ... | 13 | 12 | 10 | 26 | 25 | 24 | 24 | 23 | 23 | † | † | † |
| Lahore ... | 17 | 18 | 20 | 27 | 27 | 35 | ... | ... | ... | 13 | 13 | 12 | 27 | 27 | 31 | 21 | 22 | 20 | § | § | § |
| Amritsar ... | 19 | 19 | 22 | 25 | 35 | 34 | ... | ... | ... | 13 | 13 | 12 | 25 | 26 | 34 | 21 | 21 | 19 | † | † | † |
| Peshâwar ... | 18 | 19 | 23 | 32 | 33 | 52 | ... | ... | ... | 12 | 12 | 12 | 34 | 34 | 46 | 23 | 24 | 25 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 30th NOVEMBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 30th Novr. 1890. | Past fortnight ending 15th Novr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 10 | 9 | 14 | 20 | 20 | 25 | 19 | 19 | 24 | 20 | 21 | 26 | 9 0 | 7 8 | 9 0 | 8 8 | 8 8 | 8 0 | |
| 20 | 20 | 16 | 24 | 24 | 30 | 24 | 25 | 29 | 10 | 10 | 11 | 8 0 | 8 0 | 11 0 | 8 8 | 8 8 | 8 0 | |
| 23 | 23 | 29 | 19 | 19 | 23 | 24 | 24 | 23 | † | † | † | 7 8 | 8 0 | 11 0 | 7 8 | 7 8 | 6 12 | |
| 26 | 26 | 23 | 21 | 22 | 30 | 25 | 25 | 29 | 13 | 13 | 13 | 8 0 | 6 8 | 9 8 | 9 8 | 9 8 | 8 3 | |
| 24 | 24 | 23 | 21 | 21 | 31 | 24 | 24 | 28 | † | † | † | 10 0 | 8 0 | 13 0 | 9 4 | 9 8 | 8 8 | |
| 25 | 25 | 22 | 18 | 18 | 25 | 25 | 27 | 35 | 26 | 26 | 21 | 6 12 | 6 14 | 9 7 | 9 3 | 9 2 | 8 15 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

**MORTUARY RETURN FOR**

*Deaths registered from different causes in each district of*

| No. | Districts. | Population according to Census of 1881. | Births. | Deaths. | Birth-rate per *mille* per annum. | Death-rate per *mille* per annum. | CAUSES — *Cholera.* Males. | *Cholera.* Females. | *Cholera.* Total. | Small-pox. *Children under one year.* Males. | *Children under one year.* Females. | *One to under 12 years.* Males. | *One to under 12 years.* Females. | *Twelve and over 12 years.* Males. | *Twelve and over 12 years.* Females. | Total of Small-pox. | *Fevers.* Males. | *Fevers.* Females. | *Fevers.* Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | 672,569 | 2,509 | 1,929 | 44 | 34 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 856 | 769 | 1,625 |
| 2 | Rohtak ... | 553,609 | 2,355 | 2,041 | 50 | 43 | ... | ... | ... | ... | ... | 7 | 5 | ... | ... | 12 | 880 | 786 | 1,666 |
| 3 | Gurgaon ... | 641,848 | 3,527 | 2,835 | 65 | 52 | ... | ... | ... | 1 | 2 | 4 | 1 | ... | ... | 8 | 1,070 | 1,032 | 2,102 |
| 4 | Delhi ... | 643,515 | 2,981 | 3,138 | 55 | 57 | 8 | 11 | 19 | ... | ... | ... | ... | ... | ... | ... | 1,066 | 1,065 | 2,131 |
| 5 | Karnál ... | 645,298 | 2,494 | 3,750 | 46 | 68 | ... | ... | ... | 3 | 4 | 20 | 30 | ... | ... | 57 | 1,408 | 1,432 | 2,840 |
| 6 | Umballa ... | 1,032,665 | 2,821 | 6,827 | 32 | 78 | 29 | 25 | 54 | 11 | 15 | 21 | 22 | ... | 1 | 70 | 2,861 | 2,783 | 5,644 |
| 7 | Simla ... | 42,945 | 49 | 104 | 13 | 29 | ... | ... | ... | 1 | ... | ... | ... | 6 | 3 | 10 | 39 | 22 | 61 |
| 8 | Kángra ... | 730,845 | 2,271 | 3,187 | 37 | 51 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,231 | 1,280 | 2,511 |
| 9 | Hoshiárpur | 901,381 | 3,543 | 5,837 | 46 | 76 | ... | ... | ... | ... | 1 | 1 | 1 | ... | ... | 3 | 2,473 | 2,655 | 5,128 |
| 10 | Jullundur ... | 789,555 | 3,557 | 4,329 | 53 | 65 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,661 | 1,859 | 3,520 |
| 11 | Ludhiána ... | 618,835 | 2,168 | 4,051 | 41 | 77 | ... | ... | ... | 1 | 2 | 3 | 5 | ... | ... | 11 | 1,771 | 1,738 | 3,509 |
| 12 | Ferozepore | 747,329 | 3,209 | 4,856 | 51 | 77 | ... | ... | ... | 4 | ... | 8 | 6 | 1 | 1 | 20 | 2,124 | 2,043 | 4,167 |
| 13 | Mooltan ... | 551,964 | 2,868 | 2,626 | 61 | 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 951 | 1,003 | 1,954 |
| 14 | Jhang ... | 395,296 | 1,905 | 2,386 | 57 | 71 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 950 | 904 | 1,854 |
| 15 | Montgomery | 426,529 | 1,746 | 2,134 | 48 | 59 | ... | ... | ... | 4 | 3 | 6 | 5 | 3 | 2 | 23 | 627 | 669 | 1,296 |
| 16 | Lahore ... | 924,106 | 3,845 | 7,813 | 49 | 100 | 1 | 1 | 2 | 3 | 4 | 9 | 5 | 1 | ... | 22 | 3,353 | 3,334 | 6,687 |
| 17 | Amritsar ... | 893,266 | 4,118 | 8,395 | 54 | 111 | 3 | ... | 3 | ... | 1 | 4 | 3 | ... | ... | 8 | 3,410 | 3,374 | 6,784 |
| 18 | Gurdáspur | 823,695 | 4,197 | 11,976 | 60 | 171 | 5 | 1 | 6 | ... | ... | ... | ... | ... | ... | ... | 4,919 | 5,163 | 10,082 |
| 19 | Siálkot ... | 1,012,148 | 4,642 | 33,609 | 54 | 391 | ... | ... | ... | ... | ... | 2 | 2 | ... | 2 | 6 | 15,636 | 15,521 | 31,157 |
| 20 | Gujrát ... | 683,115 | 2,167 | 15,744 | 37 | 269 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 7,722 | 7,398 | 15,120 |
| 21 | Gujránwála | 616,892 | 2,742 | 16,110 | 52 | 307 | 8 | 4 | 12 | ... | ... | ... | ... | ... | ... | ... | 7,731 | 7,662 | 15,393 |
| 22 | Shahpur ... | 421,508 | 1,779 | 2,255 | 50 | 63 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,011 | 932 | 1,943 |
| 23 | Jhelum ... | 589,373 | 2,193 | 4,396 | 44 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,909 | 1,983 | 3,892 |
| 24 | Ráwalpindi | 820,512 | 2,444 | 3,777 | 35 | 54 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,617 | 1,597 | 3,214 |
| 25 | Hazára ... | 407,075 | 821 | 1,365 | 24 | 39 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 650 | 614 | 1,264 |
| 26 | Pesháwar ... | 592,674 | 917 | 1,529 | 18 | 30 | ... | ... | ... | ... | 1 | 4 | 5 | ... | ... | 10 | 723 | 669 | 1,392 |
| 27 | Kohát ... | 181,540 | 598 | 558 | 39 | 36 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 | 256 | 506 |
| 28 | Bannu ... | 332,577 | 900 | 770 | 32 | 27 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 363 | 343 | 706 |
| 29 | D. I. Khan | 441,649 | 1,465 | 1,504 | 39 | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 685 | 627 | 1,312 |
| 30 | D. G. Khan | 363,346 | 773 | 938 | 25 | 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 470 | 407 | 877 |
| 31 | Muzaffargarh | 338,605 | 1,556 | 1,593 | 54 | 55 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 789 | 758 | 1,547 |
| | TOTAL ... | 18,842,264 | 73,160 | 162,362 | 46 | 101 | 54 | 42 | 96 | 28 | 33 | 90 | 93 | 11 | 9 | 264 | 71,206 | 70,678 | 141,884 |
| | Total in previous month ... | ... | 80,115 | 126,781 | 52 | 82 | 646 | 529 | 1,175 | 33 | 24 | 95 | 77 | 10 | 8 | 247 | 51,596 | 53,008 | 104,604 |
| | Total in same month of past year ... | ... | 82,078 | 72,618 | 51 | 45 | 37 | 24 | 61 | 20 | 19 | 74 | 57 | 6 | 9 | 185 | 27,994 | 27,809 | 55,803 |

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 4th December* 1890.

THE MONTH OF OCTOBER 1890.

*the Punjab during the month of October* 1890.

OF DEATH.

| *Dysentery and Diarrhœa.* | | | INJURIES. *Suicide.* | | | INJURIES. *Wounding.* | | | INJURIES. *Accidents.* | | | INJURIES. *Snake-bite and killed by wild beasts.* | | | *All other causes.* | | | TOTAL DEATHS FROM ALL CAUSES. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| 32 | 35 | 67 | 1 | ... | 1 | ... | ... | ... | 1 | 2 | 3 | 6 | 1 | 7 | 110 | 115 | 225 | 1,006 | 923 | 1,929 |
| 25 | 14 | 39 | 1 | ... | 1 | ... | 1 | 1 | 3 | 3 | 6 | 1 | 1 | 2 | 163 | 151 | 314 | 1,080 | 961 | 2,041 |
| 111 | 103 | 214 | 1 | 3 | 4 | 1 | ... | 1 | 3 | 6 | 9 | ... | 1 | 1 | 252 | 244 | 496 | 1,443 | 1,392 | 2,835 |
| 66 | 50 | 116 | ... | 1 | 1 | 4 | ... | 4 | 9 | 7 | 16 | ... | 1 | 1 | 444 | 406 | 850 | 1,597 | 1,541 | 3,138 |
| 50 | 46 | 96 | 1 | 1 | 2 | ... | ... | ... | ... | 7 | 7 | 4 | 2 | 6 | 374 | 368 | 742 | 1,860 | 1,890 | 3.750 |
| 155 | 145 | 300 | ... | 1 | 1 | 2 | ... | 2 | 5 | 5 | 10 | ... | ... | ... | 397 | 349 | 746 | 3,481 | 3,346 | 6,827 |
| 6 | 5 | 11 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 15 | 6 | 21 | 68 | 36 | 104 |
| 73 | 53 | 126 | 1 | ... | 1 | ... | 1 | 1 | 13 | 5 | 18 | 4 | 1 | 5 | 250 | 275 | 525 | 1,572 | 1,615 | 3,187 |
| 46 | 41 | 87 | ... | 4 | 4 | ... | 1 | 1 | 6 | 3 | 9 | 3 | 1 | 4 | 324 | 277 | 601 | 2,853 | 2,984 | 5,837 |
| 72 | 49 | 121 | ... | ... | ... | ... | 2 | 2 | 4 | 4 | 8 | 1 | 1 | 2 | 321 | 355 | 676 | 2,059 | 2,270 | 4.329 |
| 47 | 37 | 84 | 1 | ... | 1 | ... | ... | ... | 4 | 4 | 8 | ... | 1 | 1 | 231 | 206 | 437 | 2,058 | 1,993 | 4,051 |
| 32 | 31 | 63 | ... | ... | ... | 1 | ... | 1 | 2 | ... | 2 | ... | ... | ... | 301 | 302 | 603 | 2,473 | 2,383 | 4,856 |
| 34 | 20 | 54 | 1 | ... | 1 | ... | ... | ... | 3 | 3 | 6 | 4 | 4 | 8 | 289 | 314 | 603 | 1,282 | 1,344 | 2,626 |
| 22 | 17 | 39 | ... | ... | ... | 1 | 1 | 2 | 4 | 1 | 5 | 3 | 2 | 5 | 244 | 237 | 481 | 1,224 | 1,162 | 2,386 |
| 15 | 11 | 26 | ... | ... | ... | ... | ... | ... | 2 | 3 | 5 | 3 | ... | 3 | 385 | 396 | 781 | 1,045 | 1,089 | 2,134 |
| 64 | 36 | 100 | 1 | ... | 1 | 1 | 2 | 3 | 6 | 3 | 9 | 1 | 2 | 3 | 503 | 483 | 986 | 3,943 | 3,870 | 7,813 |
| 135 | 80 | 215 | ... | 1 | 1 | 3 | 1 | 4 | 9 | 5 | 14 | ... | ... | ... | 638 | 728 | 1,366 | 4,202 | 4,193 | 8,395 |
| 126 | 113 | 239 | 1 | ... | 1 | 1 | ... | 1 | 8 | 3 | 11 | 1 | 2 | 3 | 841 | 792 | 1,633 | 5,902 | 6,074 | 11,976 |
| 389 | 277 | 666 | 1 | ... | 1 | 1 | ... | 1 | 1 | 3 | 4 | 1 | ... | 1 | 927 | 846 | 1,773 | 16,958 | 16,651 | 33,609 |
| 58 | 52 | 110 | ... | ... | ... | ... | ... | ... | 3 | 1 | 4 | ... | ... | ... | 302 | 207 | 509 | 8,085 | 7,659 | 15,744 |
| 59 | 43 | 102 | 1 | 2 | 3 | 5 | ... | 5 | 5 | 3 | 8 | 7 | 1 | 8 | 298 | 281 | 579 | 8,114 | 7,996 | 16,110 |
| 14 | 15 | 29 | 1 | ... | 1 | 1 | ... | 1 | 1 | 3 | 4 | 4 | 1 | 5 | 162 | 110 | 272 | 1,194 | 1,061 | 2,255 |
| 27 | 23 | 50 | ... | ... | ... | ... | 1 | 1 | 2 | ... | 2 | 3 | 4 | 7 | 218 | 226 | 444 | 2,159 | 2,237 | 4,396 |
| 18 | 7 | 25 | ... | ... | ... | 5 | 1 | 6 | 3 | 3 | 6 | 2 | 1 | 3 | 276 | 247 | 523 | 1,921 | 1,856 | 3,777 |
| 3 | 11 | 14 | ... | ... | ... | 1 | ... | 1 | 5 | 3 | 8 | ... | ... | ... | 42 | 35 | 77 | 701 | 664 | 1,365 |
| 3 | 3 | 6 | ... | ... | ... | 3 | 2 | 5 | 2 | 1 | 3 | 1 | ... | 1 | 59 | 53 | 112 | 795 | 734 | 1,529 |
| 2 | 1 | 3 | ... | ... | ... | 10 | 2 | 12 | ... | ... | ... | ... | ... | ... | 24 | 13 | 37 | 286 | 272 | 558 |
| 7 | 4 | 11 | 1 | ... | 1 | 2 | ... | 2 | ... | 1 | 1 | 1 | 1 | 2 | 27 | 19 | 46 | 402 | 368 | 770 |
| 15 | 8 | 23 | 1 | ... | 1 | ... | ... | ... | 2 | ... | 2 | 2 | ... | 2 | 91 | 73 | 164 | 796 | 708 | 1,504 |
| 7 | 4 | 11 | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 1 | 1 | 2 | 20 | 27 | 47 | 499 | 439 | 938 |
| 2 | 4 | 6 | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 | 3 | 1 | 4 | 16 | 18 | 34 | 811 | 782 | 1,593 |
| 1,715 | 1,338 | 3,053 | 14 | 13 | 27 | 44 | 15 | 59 | 107 | 83 | 190 | 56 | 30 | 86 | 8,544 | 8,159 | 16,703 | 81,869 | 80,493 | 162,362 |
| 1,412 | 1,138 | 2,580 | 20 | 24 | 44 | 31 | 14 | 45 | 208 | 126 | 334 | 104 | 40 | 144 | 9,290 | 8,318 | 17,608 | 63,445 | 63,336 | 126,781 |
| 1,318 | 997 | 2,315 | 10 | 18 | 28 | 18 | 14 | 32 | 120 | 98 | 218 | 61 | 21 | 82 | 7,178 | 6,716 | 13,894 | 36,836 | 35,782 | 72,618 |

A. STEPHEN, *Surgeon-Major,*

*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab.*

Seventy-three thousand one hundred and sixty births were registered in the Province during the month of October 1890, giving a birth-rate of 46 per mille of population. Of the total number of births, 38,981 were boys and 34,179 were girls.

The total number of deaths registered from all causes in the Province during the month of October 1890 was 162,362 against 126,781 in the previous month and 72,618 in the corresponding month of the past year, giving an annual death-rate of 101, 82 and 45 per mille of population per annum respectively. The death-rate for the month under review was 58 per 1,000 greater than 43 per 1,000, the average rate of the corresponding month of the five years 1885—1889.

There were 96 deaths registered under the head of cholera.

From small-pox 264 deaths were registered against 247 in the previous month and 185 in the corresponding month of the past year; fevers 141,884 against 104,604 and 55,803. Thirty-seven thousand two hundred and eighty more deaths were registered under fevers than in the previous month; the average number of fever deaths recorded during the corresponding month of the five years 1885—1889 was 51,027, or 90,857 less than the number registered during the month under review. As in the previous month, the highest fever death-rates were registered in the districts of Siálkot, Gujrát and Gujránwála. Dysentery and diarrhœa 3,053 against 2,580 in the previous month and 2,315 under bowel complaints in the corresponding month of the past year.

During the month there were 27 deaths registered from suicide against 44 in the past month; wounding 59 against 45; accidents 190 against 334; snake-bite and killed by wild beasts 86 against 144; and from all other causes 16,703 against 17,608 and 13,894 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE:
LAHORE:
*The 4th December 1890.*

A. STEPHEN, *Surgeon-Major,*
*Sanitary Commissioner, Punjab.*

*Statement showing the number of Births registered according to Classes in the several Districts of the Punjab during the month of October 1890.*

| No. | Districts. | Christians. | | | Hindus. | | | Muhammadans. | | | Other Classes. | | | Total. | | | Birth-rate per mille per annum. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | Boys. | Girls. | Total. | |
| 1 | Hissar ... | ... | ... | ... | 1,010 | 924 | 1,934 | 305 | 270 | 575 | ... | ... | ... | 1,315 | 1,194 | 2,509 | 44 |
| 2 | Rohtak ... | ... | ... | ... | 1,141 | 942 | 2,083 | 146 | 126 | 272 | ... | ... | ... | 1,287 | 1.068 | 2,355 | 50 |
| 3 | Gurgaon ... | ... | ... | ... | 1,260 | 1,176 | 2,436 | 621 | 470 | 1,091 | ... | ... | ... | 1,881 | 1,646 | 3,527 | 65 |
| 4 | Delhi ... | 2 | 1 | 3 | 1,167 | 1,192 | 2,359 | 321 | 298 | 619 | ... | ... | ... | 1,490 | 1,491 | 2,981 | 55 |
| 5 | Karnál ... | ... | ... | ... | 1,049 | 865 | 1,914 | 299 | 281 | 580 | ... | ... | ... | 1,348 | 1,146 | 2,494 | 46 |
| 6 | Umballa ... | ... | ... | ... | 1,095 | 876 | 1,971 | 454 | 396 | 850 | ... | ... | ... | 1,549 | 1,272 | 2,821 | 32 |
| 7 | Simla ... | ... | ... | ... | 19 | 18 | 37 | 9 | 3 | 12 | ... | ... | ... | 28 | 21 | 49 | 13 |
| 8 | Kángra ... | ... | ... | ... | 1,088 | 1,071 | 2,159 | 54 | 58 | 112 | ... | ... | ... | 1,142 | 1,129 | 2,271 | 37 |
| 9 | Hoshiárpur ... | ... | 1 | 1 | 1,202 | 1,101 | 2.303 | 666 | 573 | 1.239 | ... | ... | ... | 1,868 | 1,675 | 3,543 | 46 |
| 10 | Jullundur ... | ... | ... | ... | 1,018 | 888 | 1,906 | 875 | 776 | 1,651 | ... | ... | ... | 1,893 | 1,664 | 3,557 | 53 |
| 11 | Ludhiána ... | ... | 2 | 2 | 764 | 614 | 1,378 | 416 | 372 | 788 | ... | ... | ... | 1,180 | 988 | 2,168 | 41 |
| 12 | Ferozepore ... | ... | ... | ... | 869 | 764 | 1,633 | 849 | 727 | 1,576 | ... | ... | ... | 1,718 | 1,491 | 3,209 | 51 |
| 13 | Mooltan ... | ... | ... | ... | 275 | 272 | 547 | 1,211 | 1,110 | 2,321 | ... | ... | ... | 1,486 | 1,382 | 2,868 | 61 |
| 14 | Jhang ... | ... | ... | ... | 211 | 190 | 401 | 805 | 699 | 1,504 | ... | ... | ... | 1,016 | 889 | 1,905 | 57 |
| 15 | Montgomery ... | ... | ... | ... | 252 | 190 | 442 | 690 | 613 | 1,303 | 1 | ... | 1 | 943 | 803 | 1,746 | 48 |
| 16 | Lahore ... | 1 | 1 | 2 | 613 | 552 | 1,165 | 1,413 | 1,264 | 2,677 | ... | 1 | 1 | 2,027 | 1,818 | 3.845 | 49 |
| 17 | Amritsar ... | 1 | ... | 1 | 1,103 | 1,017 | 2,120 | 1,050 | 943 | 1,993 | 1 | 3 | 4 | 2,155 | 1,963 | 4,118 | 54 |
| 18 | Gurdáspur ... | 3 | 2 | 5 | 1,048 | 998 | 2,046 | 1,136 | 1,010 | 2,146 | ... | ... | ... | 2,187 | 2,010 | 4,197 | 60 |
| 19 | Siálkot ... | 10 | 9 | 19 | 707 | 683 | 1,390 | 1,721 | 1,512 | 3,233 | ... | ... | ... | 2,438 | 2,204 | 4,642 | 54 |
| 20 | Gujrát ... | ... | ... | ... | 148 | 118 | 266 | 986 | 911 | 1,897 | 3 | 1 | 4 | 1,137 | 1,030 | 2,167 | 37 |
| 21 | Gujránwála ... | ... | ... | ... | 369 | 295 | 664 | 1,099 | 979 | 2,078 | ... | ... | ... | 1,468 | 1,274 | 2,742 | 52 |
| 22 | Shahpur ... | ... | ... | ... | 170 | 140 | 310 | 820 | 648 | 1,468 | ... | 1 | 1 | 990 | 789 | 1,779 | 50 |
| 23 | Jhelum ... | ... | ... | ... | 163 | 111 | 274 | 1,041 | 878 | 1,919 | ... | ... | ... | 1,204 | 989 | 2,193 | 44 |
| 24 | Ráwalpindi ... | ... | ... | ... | 168 | 144 | 312 | 1,093 | 1,031 | 2,124 | 4 | 4 | 8 | 1,265 | 1,179 | 2,444 | 35 |
| 25 | Hazára ... | ... | ... | ... | 17 | 14 | 31 | 401 | 389 | 790 | ... | ... | ... | 418 | 403 | 821 | 24 |
| 26 | Peshávar ... | ... | ... | ... | 24 | 30 | 54 | 541 | 317 | 858 | 4 | 1 | 5 | 569 | 348 | 917 | 18 |
| 27 | Kohát ... | ... | ... | ... | 10 | 15 | 25 | 325 | 248 | 573 | ... | ... | ... | 335 | 263 | 598 | 39 |
| 28 | Bannu ... | ... | ... | ... | 57 | 44 | 101 | 444 | 355 | 799 | ... | ... | ... | 501 | 399 | 900 | 32 |
| 29 | Dera Ismail Khan | ... | ... | ... | 133 | 101 | 234 | 712 | 519 | 1,231 | ... | ... | ... | 845 | 620 | 1,465 | 39 |
| 30 | Dera Gházi Khan | ... | ... | ... | 57 | 51 | 108 | 381 | 277 | 658 | 4 | 3 | 7 | 442 | 331 | 773 | 25 |
| 31 | Muzaffargarh ... | ... | ... | ... | 139 | 122 | 261 | 716 | 577 | 1,293 | 1 | 1 | 2 | 856 | 700 | 1,556 | 54 |
| | Total ... | 17 | 16 | 33 | 17,346 | 15,518 | 32,864 | 21,600 | 18,630 | 40,230 | 18 | 15 | 33 | 38,981 | 34,179 | 73,160 | 46 |

Sanitary Commissioner's Office,
Lahore:
*The 4th December 1890.*

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

# WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 8th NOVEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 6 | 4 | 10 | 6 | 1 | 5 | ... | ... | 6 | ... | ... | ... | ... | ... | ... | 37 | 22 |
| 2 | | Hansi ... | 12,656 | 4 | 7 | 11 | 13 | 5 | 8 | ... | ... | 5 | 1 | ... | 7 | 3 | 4 | 7 | 45 | 54 |
| 3 | | Bhiwani ... | 33,762 | 12 | 14 | 26 | 40 | 20 | 20 | ... | ... | 16 | 1 | ... | 23 | 3 | 5 | 8 | 40 | 62 |
| 4 | | Sirsa ... | 12,292 | 8 | 7 | 15 | 7 | 4 | 3 | ... | ... | 7 | ... | ... | ... | 2 | ... | 2 | 64 | 30 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 4 | 7 | 11 | 9 | 3 | 6 | ... | ... | 3 | 1 | ... | 5 | 1 | 1 | 2 | 37 | 30 |
| 6 | | Jhajjar ... | 11,650 | 8 | 4 | 12 | 6 | 3 | 3 | ... | ... | 3 | 1 | 1 | 1 | ... | ... | ... | 54 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 14 | 11 | 25 | 12 | 5 | 7 | ... | ... | 8 | 4 | ... | ... | 1 | 3 | 4 | 53 | 26 |
| 8 | | Palwal ... | 10,635 | 2 | 7 | 9 | 8 | 4 | 4 | ... | ... | 2 | 2 | ... | 4 | 3 | ... | 3 | 44 | 39 |
| 9 | Delhi ... | Delhi ... | 117,363 | 6 | 68 | 128 | 144 | 74 | 70 | ... | ... | 82 | 6 | ... | 56 | 21 | 20 | 41 | 57 | 64 |
| 10 | | " Suburbs ... | 52,882 | 20 | 20 | 40 | 44 | 18 | 26 | ... | ... | 31 | 2 | ... | 11 | 2 | 3 | 5 | 39 | 43 |
| 11 | | Sonepat ... | 13,077 | 3 | 3 | 6 | 8 | 4 | 4 | ... | ... | 7 | ... | ... | 1 | 2 | 1 | 3 | 24 | 32 |
| 12 | Karnal ... | Karnal ... | 23,133 | 16 | 7 | 23 | 45 | 27 | 18 | ... | 2 | 27 | 1 | ... | 15 | 5 | 3 | 8 | 52 | 101 |
| 13 | | Kaithal ... | 14,754 | 9 | 4 | 13 | 21 | 9 | 12 | ... | ... | 7 | 3 | ... | 11 | 2 | 3 | 5 | 46 | 74 |
| 14 | | Panipat ... | 26,572 | 12 | 7 | 19 | 50 | 22 | 28 | ... | ... | 34 | 4 | ... | 12 | 3 | 9 | 12 | 37 | 98 |
| 15 | Umballa ... | Umballa ... | 26,777 | 11 | 4 | 15 | 47 | 24 | 23 | ... | ... | 29 | 10 | ... | 8 | 2 | 4 | 6 | 29 | 92 |
| 16 | | Jagadhri ... | 12,300 | 8 | 1 | 9 | 12 | 8 | 4 | ... | ... | 5 | 1 | ... | 6 | 4 | ... | 4 | 38 | 51 |
| 17 | | Shahabad ... | 10,218 | ... | 4 | 4 | 16 | 6 | 10 | ... | ... | 6 | 5 | ... | 5 | ... | 1 | 1 | 20 | 82 |
| 18 | | Sadhaura ... | 10,794 | 4 | 1 | 5 | 6 | 1 | 5 | ... | ... | 2 | 1 | ... | 3 | ... | ... | ... | 24 | 29 |
| 19 | | Rupar ... | 10,326 | 3 | 4 | 7 | 3 | 1 | 2 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | 35 | 15 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 9 | 7 | 16 | 17 | 4 | 13 | ... | ... | 10 | 3 | ... | 4 | ... | 2 | 2 | 63 | 67 |
| 21 | | Tanda and Urmar ... | 10,295 | 5 | 2 | 7 | 4 | 1 | 3 | ... | ... | 4 | ... | ... | ... | ... | 1 | 1 | 35 | 20 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 32 | 18 | 50 | 31 | 12 | 19 | ... | ... | 11 | 4 | ... | 16 | 4 | 3 | 7 | 84 | 52 |
| 23 | | " Suburbs ... | 11,474 | 5 | 6 | 11 | 8 | 3 | 5 | ... | ... | 3 | 1 | ... | 4 | 1 | 2 | 3 | 50 | 36 |
| 24 | | Rahon ... | 11,736 | 3 | 2 | 5 | 23 | 13 | 10 | ... | ... | 17 | 2 | ... | 4 | 4 | 3 | 7 | 22 | 102 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 22 | 17 | 39 | 51 | 21 | 30 | ... | ... | 46 | 1 | ... | 4 | 4 | 10 | 14 | 46 | 60 |
| 26 | | Jagraon ... | 16,873 | 13 | 5 | 18 | 28 | 17 | 11 | ... | ... | 22 | 1 | ... | 5 | 4 | ... | 4 | 56 | 87 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 6 | 17 | 23 | 29 | 15 | 14 | ... | ... | 23 | 3 | ... | 3 | 2 | 1 | 3 | 57 | 72 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 24 | 21 | 45 | 18 | 10 | 8 | ... | ... | 9 | 1 | ... | 8 | 1 | 5 | 6 | 74 | 29 |
| 29 | | " Suburbs ... | 25,593 | 13 | 12 | 25 | 38 | 17 | 21 | ... | ... | 23 | 3 | ... | 12 | 4 | 10 | 14 | 51 | 77 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 7 | 1 | 8 | 5 | 4 | 1 | ... | ... | ... | 4 | ... | 1 | 1 | ... | 1 | 33 | 21 |
| 31 | | Chiniot ... | 11,191 | 9 | 6 | 15 | 9 | 1 | 8 | ... | ... | 5 | ... | ... | 4 | ... | 3 | 3 | 70 | 42 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Infants under one year of age. Males. | Females. | Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 56 | 42 | 98 | 129 | 66 | 63 | ... | ... | 105 | ... | 2 | 22 | 19 | 12 | 31 | 53 | 69 |
| 33 | | " Suburbs ... | 41,670 | 6 | 9 | 15 | 43 | 31 | 12 | ... | ... | 24 | 7 | ... | 12 | 1 | 1 | 2 | 19 | 54 |
| 34 | | Kasur ... | 17,336 | 6 | 11 | 17 | 20 | 10 | 10 | ... | ... | 15 | 3 | ... | 2 | 2 | 1 | 3 | 51 | 60 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 68 | 77 | 145 | 244 | 127 | 117 | ... | ... | 143 | 21 | 1 | 79 | 21 | 38 | 59 | 52 | 88 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 14 | 13 | 27 | 25 | 14 | 11 | ... | ... | 18 | 2 | ... | 5 | 2 | 1 | 3 | 58 | 54 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 17 | 18 | 35 | 80 | 42 | 38 | ... | ... | 51 | 18 | ... | 11 | 7 | 7 | 14 | 54 | 123 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 7 | 6 | 13 | 115 | 58 | 57 | ... | ... | 109 | 2 | ... | 4 | 1 | 5 | 6 | 36 | 320 |
| 39 | | Jalalpur ... | 12,839 | 4 | 10 | 14 | 31 | 15 | 16 | ... | ... | 22 | 8 | ... | 1 | 2 | 1 | 3 | 57 | 126 |
| 40 | Gujranwala... | Gujranwala ... | 22,884 | 14 | 7 | 21 | 47 | 29 | 18 | ... | ... | 41 | 1 | ... | 5 | 4 | 5 | 9 | 48 | 107 |
| 41 | | Wazirabad ... | 16,462 | 3 | 6 | 9 | 49 | 30 | 19 | ... | ... | 42 | 2 | ... | 5 | 6 | 5 | 11 | 29 | 155 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 8 | 10 | 18 | 11 | 4 | 7 | ... | ... | 3 | ... | ... | 8 | 2 | 1 | 3 | 62 | 38 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 4 | 6 | 20 | 10 | 10 | ... | ... | 19 | 1 | ... | ... | 1 | ... | 1 | 19 | 63 |
| 44 | | Pind Dadan Khan ... | 16,724 | 6 | 5 | 11 | 17 | 6 | 11 | ... | ... | 8 | 7 | ... | 2 | 1 | 3 | 4 | 34 | 53 |
| 45 | Rawalpindi... | Rawalpindi ... | 27,732 | 14 | 13 | 27 | 22 | 14 | 8 | ... | ... | 9 | 2 | ... | 11 | 7 | ... | 7 | 51 | 41 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 36 | 22 | 58 | 64 | 34 | 30 | ... | ... | 39 | 1 | ... | 24 | 8 | 12 | 20 | 51 | 56 |
| 47 | Kohat ... | Kohat ... | 13,490 | 8 | 3 | 11 | 16 | 10 | 6 | ... | ... | 10 | 2 | ... | 4 | 1 | ... | 1 | 43 | 62 |
| 48 | D. I. Khan ... | Dera Ismail Khan ... | 18,983 | 10 | 5 | 15 | 12 | 5 | 7 | ... | ... | 7 | 4 | ... | 1 | 2 | ... | 2 | 41 | 33 |
| 49 | D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 5 | 7 | 12 | 20 | 7 | 13 | ... | ... | 8 | ... | ... | 12 | 3 | 6 | 9 | 32 | 53 |
| | Birth and death-rate of London for the week ending 18th October 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28·4 | 20·5 |
| | Grand Total ... | | 1,311,790 | 636 | 566 | 1,202 | 1,723 | 869 | 854 | ... | 2 | 1,129 | 147 | 4 | 441 | 169 | 195 | 364 | 48 | 68 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | | 12,305 | 3 | 1 | 4 | 17 | 14 | 3 | ... | 5 | 10 | ... | ... | 2 | 1 | ... | 1 | 17 | 72 |
| | Dharmsala ... | | 3,839 | ... | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 | ... |
| | Dalhousie ... | | 870 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 60 |
| | Murree ... | | 2,489 | 2 | ... | 2 | 2 | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 42 | 42 |

Note.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

Sanitary Commissioner's Office,
Lahore:
*The 1st December* 1890.

A. STEPHEN, Surgeon-Major,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 8th November 1890.*

*General Results.*—The total deaths registered from all causes in the Province were 29,697 against 32,029 in the previous week and 18,677 in the corresponding week of the past year, giving respectively an annual death-rate of 82·2, 88·6 and 51·7 per 1,000 of population. There were 2,332 fewer deaths registered than in the previous week, the death-rate was however 38·9 per 1,000 greater than the annual average rate of the corresponding week for the five years 1885-1889.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 50 deaths were registered against 54 in the previous week and 53 in the corresponding week of the past year.

*Fevers.*—From fevers there were 25,526 deaths against 27,657 in the previous week and 14,778 in the corresponding week of the past year. The registered fever mortality continues to diminish; there were 2,131 fewer deaths from fevers recorded than in the previous week. The decrease in the deaths registered from these causes is very marked in the districts of Siálkot and Gujránwála, although in the districts of Siálkot, Gujrát and Gujránwála the registered fever mortality was at the very high respective rates of 237, 190 and 165 per 1,000.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 625 deaths against 685 in the previous week and 476 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Five hundred and fifty against 528 and 663.

*Snake-bite.*—Seven against 10 and 6.

*Hydrophobia.*—*Nil* against 2 and 1.

*All other causes.*—Two thousand nine hundred and thirty-nine against 3,091 in the previous week and 2,681 in the corresponding week of the past year.

*Infantile mortality.*—Five thousand nine hundred and eighty-seven deaths were registered in the Province amongst infants under one year of age, of which number 3,000 were males and 2,987 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,723 deaths were registered (869 males and 854 females), giving a death-rate of 68 per mille of population; 1,202 births were registered (636 males and 566 females), giving a birth-rate of 48 per mille of population. The mortality of the towns of Gujrát, Wazirabad and Jalálpur was at the very high rates of 320, 155 and 126 per 1,000 respectively.

LAHORE: The 1st December 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF OCTOBER 1890.

| Month. | Documents Registered. | | | Total collections inclusive of copying fees. | Total expenditure inclusive of that paid out of copying fees. | Remarks. |
|---|---|---|---|---|---|---|
| | Compulsory. | Optional. | | | | |
| | | Relating to immoveable property. | Others. | | | |
| | | | | Rs. | Rs. | |
| October 1890 ... ... | 2,780 | 440 | 670 | 11,285 | 5,046 | |
| October 1889 ... ... | 2,956 | 473 | 681 | 11,772 | 4,687 | |
| Difference ... ... | — 176 | — 33 | — 11 | — 487 | + 359 | |
| First 7 months of 1890-91... ... | 36,889 | 5,589 | 5,683 | 1,36,238 | 41,628 | |
| First 7 months of 1889-90... ... | 35,368 | 5,728 | 5,629 | 1,31,885 | 41,691 | |
| Difference ... ... | + 1,521 | — 139 | + 54 | + 4,353 | — 63 | |

OFFICE OF INSPECTOR-GENERAL OF REGISTRATION, PUNJAB,
LAHORE:
*The 2nd December* 1890.

R. M. DANE,
*Offg. Inspector-General of Registration, Punjab.*

Punjab Government Press, Lahore—11-12-90—690.

No. 51 of 1890.

SUPPLEMENT TO THE

# Government Gazette

## PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 18, 1890.

## PART I.
## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 16th DECEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of Kharif. | Prospects of Rabi. |
|---|---|---|---|---|---|---|
| 1 | Hissar ... | ... | Sufficient. | Stationary. | ... | Rain much wanted. |
| 2 | Delhi ... | ... | ... | Rising. | ... | Rain urgently wanted for rabi crops. |
| 3 | Umballa ... | ... | ... | Stationary. | ... | Prospects good. |
| 4 | Jullundur ... | 0·15 | Sufficient. | Do. | ... | Rabi weeding and poppy sowings in progress. |
| 5 | Ferozepore ... | 0·04 in Moga. | Do. | Do. | ... | Rain wanted. |
| 6 | Amritsar ... | Slight rainfall. | Do. | Slightly rising. | ... | Condition of crops good. Canals working on well. |
| 7 | Siálkot ... | Ditto. | Do. | Stationary. | ... | Very promising. |
| 8 | Lahore ... | 0·22 at Lahore, 0·09 in Kasúr. 0·16 in Chuniân. 0·20 in Sharakpur. | Do. | Do. | ... | Sowings of wheat and barley in progress. Standing crops good. |
| 9 | Mooltan ... | ... | Plentiful except in Kawa. | Slightly falling. | ... | Crops in good condition. |
| 10 | Ráwalpindi ... | ... | Sufficient. | Stationary. | ... | Prospects average. Locusts in Ráwalpindi, Kahúta and Gujar Khan. |
| 11 | Shahpur ... | ... | Do. | Do. | ... | Wheat sowings going on. Crops much improved by last rainfall. Flight of locusts passed through certain villages of Tahsil Khusháb, but no harm reported. |
| 12 | D. I. Khan ... | 0·09 | Average. | Do. | ... | Sowings nearly finished. Crops already seem flourishing. |
| 13 | Peshâwar ... | ... | Sufficient. | Do. | ... | Wheat and barley sowings in progress. Prospects fair. |

### *GENERAL REMARKS.*

Rain has fallen in Jullundur, Ferozepore, Amritsar, Siálkot, Lahore and Dera Ismail Khan. Prices rising in Delhi and Amritsar, falling in Mooltan and stationary elsewhere. Rabi sowings and weedings in progress. Rain wanted in Hissar, Delhi and Ferozepore. Condition of standing crops is reported good. Crops have much improved by the recent rainfall. Flights of locusts are reported to have appeared in parts of Ráwalpindi District and in Khusháb, District Shahpur, but apparently without doing any damage. Fodder sufficient in all districts except in parts of Mooltan. Poppy sowings in progress in Jullundur.

[illegible] Supdt.

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The Gauges in use are indicated thus—
*b*—Watson's Improved.
*s*—Symon's Improved.
Stations not thus marked, use the old pattern gauge.

Columns 4—10.—*R* = Slight rain not measured.

## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR LAST GAZETTE.

| District. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. Week ending 29th November 1890. | | | | | | | Total. | Special Remarks. |
| | | | Sunday 23rd. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | | |
| Karnal. | Pánipat ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah ... | 14th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SATURDAY, THE 6th DECEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Months of November and December 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Sunday 30th. | Monday 1st. | Tuesday 2nd. | Wednesday 3rd. | Thursday 4th. | Friday 5th. | Saturday 6th. | Total. | Special Remarks. |
| Hissar | Sirsa s | 24th August ... | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Fatahabad ... | 20th October ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Barwála .. | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hissar s | 28th Septr. ... | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Hánsi ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni ... | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Budhláda ... | 11th August ... | ... | ... | 0·26 | ... | ... | ... | ... | 0·26 | |
| | Dhaneta C ... | 20th October ... | 0·18 | ... | ... | ... | ... | ... | ... | 0·18 | |
| Rohtak. | Rohtak s | 22nd October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gohána ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla ... | 22nd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jhajjar ... | 28th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Játusána ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahjahánpur ... | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Tauru ... | 24th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh ... | 25th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fírozpur ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín ... | 26th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sohna ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | 24th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána ... | 29th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| Delhi. | Ballabgarh ... | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli ... | 17th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat ... | 23rd Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | 21st Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal ... | 19th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah ... | 14th August ... | ... | 0·23 | ... | ... | ... | ... | ... | 0·23 | |
| Umballa. | Pipli ... | 18th Septr. ... | ... | 0·14 | ... | ... | ... | ... | ... | 0·14 | |
| | Jagádhri ... | 20th October ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Umballa s | 21st Do. ... | ... | 0·47 | ... | ... | ... | ... | ... | 0·47 | |
| | Naráingarh ... | 20th Do. ... | ... | 0·27 | ... | ... | ... | ... | ... | 0·27 | |
| | Kharar ... | Ditto ... | ... | 0·41 | ... | ... | ... | ... | ... | 0·41 | |
| | Rúpar ... | 1st October ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Kotra C ... | 12th Septr. ... | 0·28 | ... | ... | ... | ... | ... | ... | 0·28 | |
| | Jodhpur C ... | 16th August ... | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki C ... | 20th October ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Dádupur C ... | 19th Do. ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| Simla. | Kasauli s | 19th October ... | 0·57 | ... | ... | ... | ... | ... | ... | 0·57 | |
| | Barauli . | 26th Septr. ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Simla s | 19th Novr. ... | 0·55 | ... | ... | ... | ... | ... | ... | 0·55 | |
| | Kot Khái ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Kilba s | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách . | 25th Novr. ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Kulu s | 20th Do. ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Nagar ... | 25th Do. ... | ... | 0·37 | ... | ... | ... | R. | ... | 0·37 | |
| | Pálampur ... | 19th Do. ... | ... | 0·35 | ... | ... | ... | ... | ... | 0·35 | |
| | Hamírpur ... | 1st October ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Dera ... | 21st Do. ... | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Kángra ... | 26th Septr. ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Dharmsála s | 20th Novr. ... | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Núrpur ... | 21st October ... | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| Hoshiarpur. | Dasúya ... | 20th October ... | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Una ... | 30th Septr. ... | 0·26 | ... | ... | ... | ... | ... | ... | 0·26 | |
| | Garhshankar ... | 19th Novr. ... | 0·11 | ... | ... | ... | ... | ... | ... | 0·11 | |
| | Sadr Station ... | 30th Septr. ... | 0·32 | ... | ... | ... | ... | ... | ... | 0·32 | |
| | Hoshiárpur ... | Ditto ... | 0·29 | ... | ... | ... | ... | ... | ... | 0·29 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Months of November and December 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Sunday 30th. | Monday 1st. | Tuesday 2nd. | Wednesday 3rd. | Thursday 4th. | Friday 5th. | Saturday 6th. | Total. | Special Remarks. |
| Jullundur. | Jullundur *a* | 1st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Phillour | Ditto | ... | ... | 0·32 | ... | ... | ... | ... | 0·32 | |
| | Nawashahr | Ditto | ... | ... | 0·30 | ... | ... | ... | ... | 0·30 | |
| Ludhiana. | Samrála | 25th Septr. | 0·28 | ... | ... | ... | ... | ... | ... | 0·28 | |
| | Ludhiána *a* | 19th October | 0·45 | ... | ... | ... | ... | ... | ... | 0·45 | |
| | Jagraon | 20th Do. | 0·11 | ... | 0·03 | ... | ... | ... | ... | 0·14 | |
| Ferozepore. | Moga | 22nd October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Zíra | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | 25th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore City | 27th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | 20th October | ... | 0·11 | ... | ... | ... | ... | ... | 0·11 | |
| | Fázilka | 24th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | 19th October | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Gobindgarh *C* | 8th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | 26th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad | 27th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabírwála | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| Jhang. | Shorkot | 27th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Jhang *a* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot | 26th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gagera | 27th Novr. | 0·01 | 0·15 | ... | ... | ... | ... | ... | 0·16 | |
| | Montgomery *a* | Ditto | R. | R. | ... | ... | ... | ... | ... | ... | |
| | Pákpattan | 26th Novr. | ... | ... | 0·25 | ... | ... | ... | ... | 0·25 | |
| | Dipálpur | Ditto | 0·18 | 0·55 | ... | ... | ... | ... | ... | 0·73 | |
| Lahore. | Van *C* *b* | 26th Novr. | ... | ... | 0·20 | ... | ... | ... | ... | 0·20 | |
| | Chunián | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kasúr | 26th Do. | 0·07 | 0·05 | ... | ... | ... | ... | ... | 0·12 | |
| | Pambe *C* | Ditto | 0·05 | 0·40 | ... | ... | ... | ... | ... | 0·45 | |
| | Sharakpur | Ditto | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |
| | Niáz Beg *C* | Ditto | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Lahore *a* | Ditto | 0·17 | 0·17 | ... | ... | ... | ... | ... | 0·34 | |
| | Meean Meer *C* *b* | Ditto | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Manihála *C* | Ditto | ... | 0·17 | ... | ... | ... | ... | ... | 0 17 | |
| | Dafthu *C* *b* | Ditto | 0·12 | 0·23 | ... | ... | ... | ... | ... | 0·35 | |
| Amritsar. | Buchar *C* *b* | 26th Novr. | 0·10 | 0·51 | ... | ... | ... | ... | ... | 0·61 | |
| | Khara *C* | Ditto | ... | 0·03 | ... | ... | ... | ... | ... | 0·03 | |
| | Tarn Táran | 20th October | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Raya *C* | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jandiála *C* | Ditto | ... | 0·18 | ... | ... | ... | ... | ... | 0·18 | |
| | Jail Hospital *a* | 20th October | 0·55 | ... | ... | ... | ... | ... | ... | 0·55 | |
| | Amritsar Tahsíl | 26th Novr. | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Amritsar *C* | 24th Do. | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Buggah *C* | 26th Do. | 0 30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Ajnála | Ditto | 0·25 | ... | ... | ... | ... | ... | ... | 0·25 | |
| Gurdaspur. | Aliwál *C* | 21st October | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Batála | 26th Novr. | ... | 0·25 | ... | ... | ... | ... | ... | 0 25 | |
| | Kaler *C* | 21st October | ... | 0·49 | ... | ... | ... | ... | ... | 0·49 | |
| | Tibri *C* | Ditto | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Gurdáspur *a* | 26th Novr. | ... | 0·33 | ... | ... | ... | ... | ... | 0·33 | |
| | Bhímpur *C* | 21st October | ... | 0·46 | ... | ... | ... | ... | ... | 0·46 | |
| | Páthankot | 20th Do. | ... | 0·26 | ... | ... | ... | ... | ... | 0·26 | |
| | Dalhousie *a* | 25th Novr. | R. | 0·81 | ... | 0·25 | 0·61 | ... | ... | 1·67 | |
| | Mádhopur *C* *b* | 21st October | ... | 0·25 | ... | ... | 0·05 | ... | ... | 0·30 | |
| | Shakargarh | 26th Novr. | ... | 0·47 | ... | ... | ... | ... | ... | 0·47 | |
| Sialkot. | Zafarwál | 25th Novr. | ... | 0·29 | ... | ... | ... | ... | ... | 0·29 | |
| | Pasrur | 26th Do. | ... | 0·35 | ... | ... | ... | ... | ... | 0·35 | |
| | Raya | Ditto | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Daska | Ditto | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Siálkot *a* | Ditto | ... | 0·36 | ... | ... | ... | ... | ... | 0·36 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. | | | | | | | | |
| | | | *Months of November and December* 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Sunday 30th. | Monday 1st. | Tuesday 2nd. | Wednesday 3rd. | Thursday 4th. | Friday 5th. | Saturday 6th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr *s* | 26th Novr. ... | 0·03 | 0·70 | ... | ... | ... | ... | ... | 0·73 | Rabi crops have suffered from a visitation of locusts (on 3rd and 4th). Fodder sufficient. |
| | Khárián ... | 27th Do. ... | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Phália ... | Ditto ... | ... | 1·08 | ... | ... | ... | ... | ... | 1·08 | |
| GUJRANWALA. | Rámnagar ... | 29th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | The recent rain has done much good to the rabi crops already and has prepared the way for further sowings, which, however, will be very late. Prices stationary. Fodder sufficient. |
| | Wazirabad ... | 25th Do. ... | 0·57 | ... | ... | ... | ... | ... | ... | 0·57 | |
| | Sadr Kacheri *s* | Ditto ... | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Shekhupura ... | 22nd August ... | ... | 0·01 | ... | ... | ... | ... | ... | 0·01 | |
| | Háfizabad ... | 25th Novr. ... | ... | 0·43 | ... | ... | ... | ... | ... | 0·43 | |
| | Meluána *C* ... | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh *s* | 28th Novr. ... | ... | 0·85 | ... | ... | ... | ... | ... | 0·85 | |
| | Sahiwál ... | 27th Do. ... | ... | 1·86 | ... | ... | ... | ... | ... | 1·86 | |
| | Núrpur ... | 26th Do. ... | 2·50 | ... | ... | ... | ... | ... | ... | 2·50 | |
| | Mitha Tiwána ... | 29th Do. ... | 1·20 | ... | ... | ... | ... | ... | ... | 1·20 | |
| | Sakesar ... | 26th Do. ... | 1·10 | ... | ... | ... | ... | ... | ... | 1·10 | |
| | Naushahra ... | 28th Do. ... | 0·30 | 0·70 | ... | ... | ... | ... | ... | 1·00 | |
| | Khusháb ... | 26th Do. ... | 0·86 | ... | ... | ... | ... | ... | ... | 0·86 | |
| | Shahpur *s* | 27th Do. ... | 1·50 | ... | ... | ... | ... | ... | ... | 1·50 | |
| | Bhera ... | 26th Do. ... | 1·65 | ... | ... | ... | ... | ... | ... | 1·65 | |
| | Miáni ... | 1st October ... | 2·00 | ... | ... | ... | ... | ... | ... | 2·00 | |
| JHELUM. | Pind Dádan Khan | 26th Novr. ... | 1·72 | ... | ... | ... | ... | ... | ... | 1·72 | |
| | Sadr Station *s* | Ditto ... | ... | 0·86 | ... | ... | ... | ... | ... | 0·86 | |
| | Chakwál ... | 27th Novr. ... | 0·45 | 0·53 | ... | ... | ... | ... | ... | 0·98 | |
| | Talagang ... | Ditto ... | 0·08 | 0·52 | 0·35 | ... | ... | ... | ... | 0·95 | |
| RAWALPINDI. | Pindigheb ... | 26th Novr. ... | 0·55 | ... | ... | ... | ... | ... | ... | 0·55 | |
| | Fatahjang ... | Ditto ... | 0·50 | ... | ... | ... | ... | ... | ... | 0·50 | |
| | Attock ... | 28th Novr. ... | 0·70 | ... | ... | ... | ... | ... | ... | 0·70 | |
| | Ráwalpindi *s* | 26th Do. ... | 0·30 | ... | ... | ... | ... | ... | ... | 0·30 | |
| | Gujar Khan ... | Ditto ... | ... | 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Kahúta ... | Ditto ... | ... | 0·27 | ... | ... | 0·24 | ... | ... | 0·51 | |
| | Murree *s* | Ditto ... | 0·80 | 0·40 | ... | ... | ... | ... | ... | 1·20 | |
| HAZARA. | Abbott-abad *s* | 28th Novr. ... | ... | 0·40 | 0·19 | 0·05 | ... | 0·28 | ... | 0·92 | |
| | Mansahra ... | Ditto ... | ... | 0·33 | 0·21 | ... | ... | 0·19 | ... | 0·73 | |
| | Haripur ... | 27th Novr. ... | ... | 0·30 | ... | ... | ... | 0·20 | ... | 0·50 | |
| PESHAWAR. | Sawábi ... | 28th Novr. ... | ... | 0·92 | 0·11 | ... | ... | ... | ... | 1·03 | |
| | Lahore (Utman Bolak) | Ditto ... | ... | 1·18 | ... | ... | ... | ... | ... | 1·18 | |
| | Nowshera ... | 27th Novr. ... | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Mardán *s* | 28th Do. ... | ... | 0·90 | 0·04 | ... | ... | 0·20 | ... | 1·14 | |
| | Katlang ... | Ditto ... | ... | 1·03 | ... | ... | ... | 0·31 | ... | 1·34 | |
| | Hashtnagar ... | Ditto ... | ... | 0·54 | ... | ... | ... | ... | ... | 0·54 | |
| | Doab Daudzai ... | Ditto ... | ... | 0·50 | ... | ... | ... | ... | ... | 0·50 | |
| | Peshawar *s* | Ditto ... | ... | 0·38 | 0·01 | ... | ... | ... | ... | 0·39 | |
| KOHAT. | Kohát *s* | 28th Novr. ... | ... | 0·55 | ... | ... | ... | ... | ... | 0·55 | |
| | Hangu ... | Ditto ... | ... | ... | 0·90 | 0·10 | ... | 0·20 | ... | 1·20 | |
| | Thal ... | 27th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak ... | Ditto ... | ... | ... | 0·92 | 0·04 | ... | ... | ... | 0·96 | |
| BANNU. | Miánwáli ... | 27th Novr. ... | ... | 0·04 | ... | ... | ... | ... | ... | 0·04 | |
| | Isa Khel ... | 26th Do. ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Bannu *s* | 29th Do. ... | ... | 0·05 | ... | ... | ... | ... | ... | 0·05 | |
| | Marwat ... | 28th Do. ... | ... | 0·58 | ... | ... | ... | ... | ... | 0·58 | |
| DERA ISMAIL KHAN. | Tánk ... | 27th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Kuláchi ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan *s* | 28th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhakkar ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh ... | 28th Novr. ... | ... | 0·16 | ... | ... | ... | ... | ... | 0·16 | |
| | Dera Gházi Khan *s* | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 23rd August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur ... | 26th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur ... | 27th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur ... | 26th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sináuwan ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | Average Rainfall of past years. | | | Rainfall of present year. | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Hissar. | Sirsa ... | 0·33 | ... | 0·04 | ... | ... | ... | ... | The kharíf crops have been all harvested. Rabi sown only on the Nali. Rain wanted for sowings elsewhere. |
| | Fatahabad ... | 0·35 | ... | 0·07 | ... | 0·30 | ... | 0·30 | |
| | Barwála ... | 0·32 | ... | 0·08 | ... | 0·20 | ... | 0·20 | |
| | Hissar ... | 0·39 | ... | 0·07 | ... | ... | ... | ... | |
| | Hánsi ... | 0·26 | ... | 0·04 | ... | 0·09 | ... | 0·09 | |
| | Bhiwáni ... | 0·28 | ... | 0·05 | ... | 0·26 | ... | 0·26 | |
| | Budhláda ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta ... | ... | ... | ... | 0·18 | 0·52 | ... | 0·52 | |
| Rohtak. | Rohtak ... | 0·48 | ... | 0·03 | ... | 0·50 | ... | 0·50 | Wheat sowings are still going on on well and canal irrigated lands, the rabi crops coming up well but in need of rain. General health good. |
| | Gohána ... | 0·39 | ... | 0·04 | ... | 0·14 | ... | 0·14 | |
| | Sámpla ... | 0·38 | ... | 0·03 | ... | 0·47 | ... | 0·47 | |
| | Jhajjar ... | 0·32 | ... | 0·02 | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar ... | ... | ... | ... | ... | ... | ... | ... | Sowings of spring cereals still in progress on inundated lands; elsewhere completed and crop sprouted. General prospect at present fair, but rain is now required for high loam tracts and sandy soils. Canal supply ample in Palwal; cut off for some unexplained reason towards Punahána. |
| | Játusána ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári ... | 0·32 | ... | 0·02 | ... | ... | ... | ... | |
| | Shahjahánpur ... | ... | ... | ... | ... | 0·23 | ... | 0·23 | |
| | Tauru ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh ... | 0·46 | ... | 0·02 | ... | ... | ... | ... | |
| | Firozpur ... | 0·23 | ... | 0·02 | ... | ... | ... | ... | |
| | Hodal ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hattín ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal ... | 0·34 | ... | 0·02 | ... | ... | ... | ... | |
| | Sohna ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon ... | 0·48 | ... | 0·03 | ... | ... | ... | ... | |
| | Punahána ... | ... | ... | ... | ... | ... | ... | ... | |
| Delhi. | Ballabgarh ... | 0·51 | ... | 0·04 | ... | 0·02 | ... | 0·02 | Rabi cultivation and kharíf reapings over. Yield below average. Health of the people fair. Canal was full during the month and irrigation was resorted to when necessary. |
| | Mahrauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) ... | 0·58 | ... | 0·08 | ... | ... | ... | ... | |
| | Sonepat ... | 0·60 | ... | 0·06 | ... | ... | ... | ... | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890 – (continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| KARNAL. | Pánipat ... | 1·08 | ... | 0·76 | ... | 1·78 | ... | 1·78 | Rabi crops sown, but not in great quantity, as there has been a deficiency in rain. |
| | Karnal ... | 0·51 | ... | 0·08 | ... | 0·58 | ... | 0·58 | |
| | Rajaund ... | ... | ... | ... | ... | 2·00 | ... | 2·00 | |
| | Kaithal ... | 0·25 | ... | 0·03 | ... | 0·40 | ... | 0·40 | |
| | Guhla ... | ... | ... | ... | ... | ... | ... | ... | |
| UMBALLA. | Pipli ... | 0·83 | ... | 0·19 | ... | ... | ... | ... | Rabi sown and germinated. Kharíf harvested: outturn below average. Health of people fair. |
| | Jagádhri ... | 1·15 | ... | 0·27 | ... | 0·05 | ... | 0·05 | |
| | Umballa ... | 0·81 | ... | 0·23 | ... | 0·39 | ... | 0·39 | |
| | Naráingarh ... | 1·33 | ... | 0·24 | ... | 0·36 | ... | 0·36 | |
| | Kharar ... | 1·13 | ... | 0·22 | ... | 0·14 | ... | 0·14 | |
| | Rúpar ... | 1·09 | ... | 0·25 | ... | 0·12 | ... | 0·12 | |
| | Kotra (*c*) ... | ... | ... | ... | 0·28 | ... | ... | 0·28 | |
| | Jodhpur (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki (*c*) ... | ... | ... | ... | 0·50 | 0·77 | ... | 0·77 | |
| | Dádupur (*c*) ... | ... | ... | ... | ... | 0·30 | ... | 0·30 | |
| SIMLA. | Kasauli ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Barauli ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kilba ... | ... | ... | ... | ... | ... | ... | ... | |
| KANGRA. | Plách ... | 1·30 | ... | 0·52 | 0·22 | 0·34 | ... | 0·34 | Kharíf crop excepting sugarcane and also cotton in Núrpur harvested Sowings on irrigated lands completed; on unirrigated in progress. Rain wanted. Extensive flights of locusts have appeared and settled for a day or two in many parts of the district, but little harm has been done to the crops. |
| | Kulu ... | 1·31 | ... | 0·57 | 0·28 | 0·50 | ... | 0·50 | |
| | Nagar ... | 3·29 | ... | 2·56 | 0·97 | 1·39 | ... | 1·39 | |
| | Pálampur ... | 1·61 | ... | 0·35 | 0·08 | 0·51 | ... | 0·51 | |
| | Hamírpur ... | 0·86 | ... | 0·22 | ... | 0·10 | ... | 0·10 | |
| | Dera ... | 1·01 | ... | 0·17 | ... | 0·15 | ... | 0·15 | |
| | Kángra ... | 1·03 | ... | 0·23 | ... | ... | ... | ... | |
| | Dharmsala ... | 1·97 | ... | 0·38 | 0·15 | 0·53 | ... | 0·53 | |
| | Núrpur ... | 1·33 | ... | 0·26 | ... | 0·41 | ... | 0·41 | |
| HOSHIARPUR. | Dasúya ... | 0·42 | ... | 0·07 | 0·30 | 0·50 | ... | 0·50 | Sugarcane crop is still being cut. A considerable area has been sown with rabi crops, but for want of sufficient rain seed has not germinated everywhere. More rain is required. The public health is good everywhere. |
| | Una ... | 0·53 | ... | 0·10 | 0·26 | 0·26 | ... | 0·26 | |
| | Garhshankar ... | 0·42 | ... | 0·10 | 0·71 | 0·92 | ... | 0·92 | |
| | Sadr Station ... | 0·41 | ... | 0·08 | 0·32 | 0·32 | ... | 0·32 | |
| | Hoshiárpur ... | 0·41 | ... | 0·08 | 0·29 | 0·29 | ... | 0·29 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Jullundur. | Jullundur ... | 0·59 | ... | 0·10 | ... | 0·27 | ... | 0·27 | Rabi crops being irrigated. Health of people good. |
| | Nakodar ... | 0·58 | ... | 0·10 | ... | 0·02 | ... | 0·02 | |
| | Phillour ... | 0·62 | ... | 0·10 | ... | 0·80 | ... | 0·80 | |
| | Nawashahr ... | 0·69 | ... | 0·13 | ... | 0·68 | ... | 0·68 | |
| Ludhiana. | Samrála ... | 1·57 | ... | 0·11 | 0·28 | 0·28 | ... | 0·28 | Rabi sowings almost completed. More rain is wanted. |
| | Ludhiana ... | 1·29 | ... | 0·10 | 0·45 | 0·48 | ... | 0·48 | |
| | Jagraons (a) ... | 0·99 | ... | 0·07 | 0·11 | 0·27 | ... | 0·27 | |
| Ferozepore. | Moga ... | 0·60 | ... | 0·04 | ... | 0·45 | ... | 0·45 | Sowings for rabi are in progress, but rain is badly wanted. Health of district good. Fodder sufficient. No complaint about canal water. |
| | Zíra ... | 0·68 | ... | 0·05 | ... | 0·14 | ... | 0·14 | |
| | Ferozepore Sadr ... | 0·66 | ... | 0·06 | 0·32 | 0·37 | ... | 0·37 | |
| | Ferozepore City ... | 0·66 | ... | 0·06 | ... | ... | ... | ... | |
| | Muktsar ... | 0·35 | ... | 0·05 | ... | 0·27 | ... | 0·27 | |
| | Fázilka ... | 0·30 | ... | 0·03 | 0·12 | 0·12 | ... | 0·12 | |
| | Nathána ... | ... | ... | ... | ... | 0·80 | ... | 0·80 | |
| | Gobindgarh ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Lodhrán ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shujabad ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kabirwála ... | ... | ... | ... | ... | ... | ... | ... | |

**AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890—(continued).**

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Jhang. | Shorkot ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Jhang ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chiniot ... | ... | ... | ... | ... | ... | ... | ... | |
| Montgomery. | Gugera ... | 0·18 | ... | 0·06 | 0·42 | 0·42 | ... | 0·42 | Rabi seedlings are healthy. The health of the people is generally good. |
| | Montgomery ... | 0·25 | ... | 0·03 | 0·58 | 0·58 | ... | 0·58 | |
| | Pákpattan ... | 0·15 | ... | 0·03 | 0·21 | 0·21 | ... | 0·21 | |
| | Dipálpur ... | 0·14 | ... | 0·03 | 0·33 | 0·33 | ... | 0·33 | |
| Lahore. | Van (*c*) ... | 0·38 | ... | 0·10 | 0·31 | 0·51 | ... | 0·51 | Kharíf crops nearly all harvested. Rabi sowings on irrigated lands are in progress. A very little rain fell during the month, but not enough to do the crops much good, except near the Amritsar border. |
| | Chuniáu ... | 0·65 | ... | 0·12 | 0·39 | 0·85 | ... | 0·85 | |
| | Kasúr ... | 0·58 | ... | 0·15 | 0·52 | 0·52 | ... | 0·52 | |
| | Pambe (*c*) ... | 0·41 | ... | 0·12 | 0·45 | 1·10 | ... | 1·10 | |
| | Sharakpur ... | 0·45 | ... | 0·13 | 0·67 | 0·97 | ... | 0·97 | |
| | Niáz Beg (*c*) ... | 0·55 | ... | 0·18 | 0·85 | 1·30 | ... | 1·30 | |
| | Lahore ... | 0·69 | ... | 0·16 | 0·57 | 0·57 | ... | 0·57 | |
| | Meean Meer (*c*) ... | 0·78 | ... | 0·23 | 0·50 | 0·65 | ... | 0·65 | |
| | Maniháls (*c*) ... | 0·58 | ... | 0·19 | 0·36 | 0·86 | ... | 0·86 | |
| | Dafthu (*c*) ... | ... | ... | ... | 0·59 | 2·81 | ... | 2·81 | |
| Amritsar. | Buchar (*c*) ... | 0·34 | ... | 0·13 | 0·50 | 1·58 | ... | 1·58 | Condition of kharíf crops fair and rabi sowings good. Health of people fair. Canals working well. |
| | Khara (*c*) ... | 0·25 | ... | 0·07 | 0·20 | 0·26 | ... | 0·26 | |
| | Tarn Táran ... | 0·58 | ... | 0·18 | 0·14 | 1·30 | ... | 1·30 | |
| | Raya (*c*) ... | 0·36 | ... | 0·11 | ... | 0·15 | ... | 0·15 | |
| | Jandiála (*c*) ... | 0·64 | ... | 0·08 | ... | 0·55 | ... | 0·55 | |
| | Jail Hospital ... | ... | ... | ... | 0·55 | 1·05 | ... | 1·05 | |
| | Amritsar Sadr ... | 0·75 | ... | 0·26 | 0·57 | 1·35 | ... | 1·35 | |
| | Amritsar (*c*) ... | ... | ... | ... | 0·03 | 0·63 | ... | 0·63 | |
| | Buggeh ... | 0·55 | ... | 0·29 | 0·50 | 0·85 | ... | 0·85 | |
| | Ajnála ... | 0·52 | ... | 0·17 | 0·46 | 0·65 | ... | 0·65 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890 – (continued).

Explanation :—(*c*). Canal Rain-gauge Stations.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September. | Total. | Condition of crops and health of people. |
| GURDASPUR. | Aliwál (*c*) ... | 0·29 | ... | 0·74 | ... | 0·30 | ... | 0·30 | Crops in good condition. |
| | Batála ... | 0·68 | ... | 0·17 | 0·05 | 0·49 | ... | 0·49 | |
| | Kaler (*c*) ... | 0·82 | ... | 0·23 | ... | 0·35 | ... | 0·35 | |
| | Tibri (*c*) ... | 0·74 | ... | 0·19 | ... | 0·40 | ... | 0·40 | |
| | **Gurdaspur** ... | **0·81** | ... | **0·19** | **0·04** | **0·34** | ... | **0·34** | |
| | Bhimpur (*c*) ... | 0·99 | ... | 0·28 | ... | 0·25 | ... | 0·25 | |
| | Pathánkot ... | 1·01 | ... | 0·26 | ... | 0·28 | ... | 0·28 | |
| | Dalhousie ... | 1·51 | ... | 0·44 | 0·17 | 1·20 | ... | 1·20 | |
| | Mádhopur (*c*) ... | 0·98 | ... | 0·27 | ... | 0·25 | ... | 0·25 | |
| | Shakargarh ... | 1·06 | ... | 0·31 | 0·06 | 0·46 | ... | 0·46 | |
| SIALKOT. | Zafarwál ... | 0·98 | ... | 0·44 | 0·18 | 1·37 | ... | 1·37 | The outturn of the kharíf crops has on the whole been good, except in low-lying tracts, where damage was done by floods. There is a plentiful harvest, however, of all fodder crops. The prospects of the rabi harvest are excellent, the late rain having enabled a great deal more land than usual to be sown. |
| | Pasrúr ... | 0·87 | ... | 0·38 | 0·09 | 1·42 | ... | 1·42 | |
| | Raya ... | 0·54 | ... | 0·25 | 0·08 | 0·08 | ... | 0·08 | |
| | Daska ... | 0·83 | ... | 0·39 | 0·27 | 1·38 | ... | 1·38 | |
| | **Sialkot** ... | **1·00** | ... | **0·39** | **0·15** | **1·42** | ... | **1·42** | |
| GUJRAT. | **Gujrat Sadr** ... | **0·85** | ... | **0·34** | **0·30** | **0·85** | ... | **0·85** | Sowing of rabi crops completed. Fodder sufficient for cattle. No floods from hill torrents. |
| | Khárián ... | 1·01 | ... | 0·36 | 0·16 | 0·62 | ... | 0·62 | |
| | Phália ... | 0·60 | ... | 0·21 | 0·35 | 0·58 | ... | 0·58 | |
| GUJRANWALA. | Rámnagar ... | 0·49 | ... | 0·43 | 0·98 | 1·12 | ... | 1·12 | The kharíf, except cotton and cane, has been reaped. Rabi sowings which were delayed by the general fever are now being rapidly pushed on, having been stimulated in the Háfizabad Tahsíl by the timely opening of the Chenáb Canal and over the district generally by the opportune rainfall at the end of November. The area sown for the rabi promises to be the largest yet recorded, and so far the crop promises well. Fodder is plentiful. Prices steady. |
| | Wazirabad ... | 0·96 | ... | 0·42 | 0·84 | 0·94 | ... | 0·94 | |
| | **Sadr Kacheri** ... | **0·86** | ... | **0·28** | **0·84** | **0·89** | ... | **0·89** | |
| | Shekhupura ... | 0·37 | ... | 0·12 | ... | ... | ... | ... | |
| | Háfizabad ... | 0·59 | ... | 0·18 | 0·50 | 0·52 | ... | 0·52 | |
| | Maluana (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot (*c*) ... | ... | ... | ... | ... | ... | ... | ... | |

# AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| Shahpur. | Midh ... | 0·43 | ... | 0·43 | 0·80 | 0·80 | ... | 0·80 | In the last week of November heavy rain fell over the whole district such as has seldom been known at this season. It is very opportune, as it will greatly benefit the growing rabi crop which was suffering from want of rain, and will also permit of very extensive rabi sowings on all classes of land. The prospects of the rabi are now very good, and the price of wheat has fallen. Health of men is good and fodder is plentiful. |
| | Sáhiwál ... | 0·57 | ... | 0·57 | 0·47 | 0·97 | ... | 0·97 | |
| | Núrpur ... | 0·23 | ... | 0·23 | 3·15 | 3·15 | ... | 3·15 | |
| | Mitha Tiwána ... | 0·31 | ... | 0·19 | 2·79 | 2·79 | ... | 2·79 | |
| | Sakesar ... | 0·20 | ... | 0·11 | 1·69 | 1·69 | ... | 1·69 | |
| | Naushahra ... | 0·70 | ... | 0·43 | 1·23 | 1·23 | ... | 1·23 | |
| | Khusháb ... | 0·32 | ... | 0·21 | 1·41 | 1·41 | ... | 1·41 | |
| | **Shahpur** ... | **0·42** | ... | **0·25** | **2·50** | **2·84** | ... | **2·84** | |
| | Bhera ... | 0·46 | ... | 0·31 | 2·00 | 2·64 | ... | 2·64 | |
| | Miáni ... | 1·13 | ... | 1·03 | 2·00 | 3·00 | ... | 3·00 | |
| Jhelum. | Pind Dádan Khan ... | 0·63 | ... | 0·33 | 2·02 | 3·10 | ... | 3·10 | Rain has fallen throughout the district in a most favourable time, which improved the condition of the rabi crops and enabled the *wads* (lands on which kharíf crops were grown) being also sown. |
| | **Sadr Station** ... | **0·92** | ... | **0·37** | **0·37** | **1·29** | ... | **1·29** | |
| | Chakwál ... | 0·67 | ... | 0·28 | 1·21 | 3·24 | ... | 3·24 | |
| | Talagang ... | 0·71 | ... | 0·20 | 1·10 | 1·35 | ... | 1·35 | No inundation in the river. |
| Rawalpindi. | Pindigheb ... | 0·92 | ... | 0·50 | 1·63 | 3·23 | ... | 3·23 | Rabi prospects below average. Health of people good. |
| | Fatahjang ... | 0·97 | ... | 0·40 | 1·55 | 2·07 | ... | 2·07 | Ditto ditto. |
| | Attock ... | 0·57 | ... | 0·37 | 3·30 | 4·40 | ... | 4·40 | Rabi prospects good. Health of people good. |
| | **Rawalpindi** ... | **1·47** | ... | **0·91** | **1·26** | **1·96** | ... | **1·96** | Rabi prospects average; sowings will commence on account of rain. Locusts appeared in some parts of this tahsil, but no damage was done. |
| | Gujar Khan ... | 2·90 | ... | 0·53 | 0·69 | 1·29 | ... | 1·29 | Rabi prospects good. |
| | Kahuta ... | 2·29 | ... | 0·86 | 0·72 | 1·56 | ... | 1·56 | Rabi prospects good. Locusts appeared, but no damage was done. Health of people good. |
| | Murree ... | 4·18 | ... | 2·01 | 4·60 | 8·00 | ... | 8·00 | Rabi prospects average. Health of people good. |
| Hazara. | **Abbott-abad** ... | **2·08** | ... | **1·01** | **3·75** | **4·96** | ... | **4·96** | Rain abundant; rabi crop already sown. In some places it will be sown now. Prices stationary. Locusts from Ráwalpindi District seen in Khánpur, Gandgar, Bagra and Srikot. Some passed back to Ráwalpindi District; no damage done. Water in water-cuts and channels sufficient. No floods. |
| | Mánsahra ... | 1·74 | ... | 0·90 | 4·09 | 5·44 | ... | 5·44 | |
| | Haripur ... | 1·48 | ... | 0·76 | 1·60 | 3·20 | ... | 3·20 | |

## AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890—(continued).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| PESHAWAR. | Sawábi ... | 1·08 | ... | 0·84 | 2·00 | 3·01 | ... | 3·01 | Condition of kharíf crops on irrigated lands fair, and bad on unirrigated lands. There was copious rain throughout the district, which has very much improved the rabi prospects, large areas are being sown with wheat and barley; but, on the other hand, it has damaged the stacks of kharíf crops on threshing floors.<br>Fodder sufficient.<br>There is an ample supply of water in the canals.<br>Floods from hill torrents occurred during the heavy rains of last week. |
| | Lahore (Utmán Bolak) | 1·22 | ... | 0·94 | 2·37 | 3·26 | ... | 3·26 | |
| | Naushahra ... | 1·23 | ... | 0·94 | 4·99 | 5·34 | ... | 5·34 | |
| | Mardán ... | 1·55 | ... | 1·21 | 3·49 | 4·22 | ... | 4·22 | |
| | Katlang ... | 1·36 | ... | 1·08 | 3·71 | 4·39 | ... | 4·39 | |
| | Hashtnagar ... | 1·11 | ... | 0·89 | 3·98 | 4·04 | ... | 4·04 | |
| | Doáb Daudzai ... | 1·14 | ... | 0·90 | 3·74 | 4·07 | ... | 4·07 | |
| | Peshawar ... | 0·88 | ... | 0·63 | 4·45 | 4·65 | ... | 4·65 | |
| KOHAT. | Kohat ... | 1·46 | ... | 0·80 | 2·60 | 2·81 | ... | 2·81 | Kharíf crop which is being harvested is expected to be below the average for want of timely rains. Rabi sowings were in progress on irrigated lands up to third week of November 1890, after which abundant rain fell throughout the district. The land is at present not fit for sowings. When it has partially dried and has reached the exact stage (wattar), extensive sowings will be made both on irrigated and unirrigated lands.<br>Fodder for cattle is sufficient.<br>Locusts were observed in the Chorlaki and Shakardarra villages of the Kohát Tahsíl. They did no damage and flew away. |
| | Hangu ... | ... | ... | ... | 8·40 | 8·70 | ... | 8·70 | |
| | Thal ... | ... | ... | ... | 4·40 | 4·40 | ... | 4·40 | |
| | Karak ... | ... | ... | ... | 1·70 | 2·18 | ... | 2·18 | |
| BANNU. | Miánwáli ... | 0·36 | ... | 0·25 | 0·70 | 0·70 | ... | 0·70 | Rabi crop under cultivation.<br>Price of wheat has risen.<br>Canals working well. |
| | Isa Khel ... | 0·51 | ... | 0·40 | 0·72 | 0·72 | ... | 0·72 | |
| | Bannu ... | 0·43 | ... | 0·25 | 2·71 | 2·71 | ... | 2·71 | |
| | Marwat ... | 0·51 | ... | 0·34 | 0·99 | 0·99 | ... | 0·99 | |

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1890—(concluded).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | RAINFALL. | | | | | | | |
| | | *Average Rainfall of past years.* | | | *Rainfall of present year.* | | | | |
| District. | Rain-gauge Stations. | 1st October to 30th November. | 1st April to 30th September. | For month under report. | Month under report. | 1st October to 30th November 1890. | 1st April to 30th September 1891. | Total. | Condition of crops and health of people. |
| D. I. Khan. | Tánk ... | 0·10 | ... | 0·10 | 2·03 | 2·03 | ... | 2·03 | Rabi sowings have been somewhat damaged in places in the Dera and Kuláchi Tahsíls by the hill torrents, and some collected heaps of cut kharíf crops of the Tánk and Leiah Tahsíls have been in some places damaged by the recent rains. Rabi sowings in progress. Health of people fair. |
| | Kuláchi ... | 0·23 | ... | 0·12 | 1·25 | 1·25 | ... | 1·25 | |
| | Dera I. Khan ... | 0·26 | ... | 0·12 | 1·95 | 1·95 | ... | 1·95 | |
| | Bhakkar ... | 1·11 | ... | 0·11 | 1·18 | 1·18 | ... | 1·18 | |
| | Leiah ... | 0·16 | ... | 0·09 | 0·79 | 0·79 | ... | 0·79 | |
| D. G. Khan. | Sangarh ... | 0·12 | ... | 0·08 | 1·13 | 1·13 | ... | 1·13 | Kharíf outturn average. Rabi sowings in progress. Canals do not flow during winter months. The rain has injured the cotton crops to some extent. The hill torrents in the Pachád iláqa of Sanghar Tahsíl are reported to have flowed during this month. |
| | Dera G. Khan ... | 0·18 | ... | 0·12 | 1·50 | 1·50 | ... | 1·50 | |
| | Fort Munro ... | 0·17 | ... | ... | ... | ... | ... | ... | |
| | Jámpur ... | 0·77 | ... | 0·73 | 1·40 | 1·40 | ... | 1·40 | |
| | Rájanpur ... | 0·32 | ... | 0·21 | 1·33 | 1·33 | ... | 1·33 | |
| Muzaffargarh. | Alipur ... | 0·25 | ... | 0·10 | 0·48 | 0·48 | ... | 0·48 | Rabi crops sown. Conditions of standing crops good. |
| | Muzaffargarh ... | 0·15 | ... | 0·06 | 0·74 | 1·30 | ... | 1·30 | Rabi crops sown. |
| | Sinánwán ... | 0·12 | ... | 0·05 | 1·43 | 1·43 | ... | 1·43 | Rabi crops sown. Health of people good. With the exception of Nangni Canal in Tahsíl Sinánwán all the canals have dried up. The rain has fallen in good time for the crops. |

PESTONJI, *Supdt.,*

*Office of Director of Land Records and Agriculture, Punjab.*

**Memo. of errors to the Agricultural Prospect Report for the month of October 1890.**

Against Simla (Simla District)—read in columns 6, 7 and 9, 0·67 instead of 0·45.

Against Kilba (Simla District)—read in columns 6, 7 and 9, 0·13 instead of 0·07.

PUBLIC WORKS DEPARTMENT,

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during November 1890. — Depth in Canal at regulating gauge. — Full supply. | Actual throughout. | Gross consumption, cubic feet per second. — Estimated full supply. | Actual average throughout. |
|---|---|---|---|---|
| PERENNIAL CANALS. | | | | |
| SWAT RIVER CANAL ... ... ... ... ... | 6·5 | 5·3 | 720 | 613 |
| Total Swat River Canal ... ... | ... | ... | 720 | 613 |
| Corresponding period of last year ... | ... | ... | 720 | 613 |
| WESTERN JUMNA CANAL. | | | | |
| At Dádúpur ... ... ... ... ... ... | 4·33 | ... | 2,557 | 2,786 |
| Main Line Rájbahás ... ... ... ... ... | ... | ... | ... | 198 |
| Hánsi Branch ... ... ... ... ... ... | ... | ... | ... | 1,153 |
| Delhi Branch ... ... ... ... ... ... | ... | ... | ... | 939 |
| Passed through Escapes ... ... ... ... ... | ... | ... | ... | } 496 |
| Loss by absorption ... ... ... ... ... | ... | ... | ... | |
| Total Western Jumna Canal ... ... | ... | ... | 2,557 | 2,786 |
| Corresponding period of last year ... | ... | ... | 2,546 | 2,962 |
| BARI DOAB CANAL. | | | | |
| 1st Division ... ... ... ... ... ... | 4·9 | 4·21 | } 3,074 | 841 |
| 2nd " Main Branch Lower ... ... ... ... | } 4·6 | 2·29 | | 176 |
| 3rd " " " " ... ... ... ... | | | | 703 |
| 2nd " Lahore Branch ... ... ... ... | ... | ... | | 541 |
| Passed through Escapes ... ... ... ... ... | 3·0 | 2·69 | | 7 |
| Total Bári Doáb Canal ... ... | ... | ... | 3,074 | 2,268 |
| Corresponding period of last year ... | ... | ... | 3,074 | 2,030 |
| SIRHIND CANAL. | | | | |
| Main Line ... ... ... ... ... ... | 5·92 | 9·1 | 3,000 | 6,032 |
| Abohar Branch ... ... ... ... ... | 4·12 | 6·33 | 1,020 | 2,323 |
| Bhatinda Branch ... ... ... ... ... | 4·85 | 6·27 | 900 | 1,626 |
| Feeders ... ... ... ... ... ... | 5·28 | 7·39 | 1,080 | 2,083 |
| British Escapes ... ... ... ... ... | ... | ... | ... | ... |
| Total Sirhind Canal ... ... | ... | ... | 3,000 | 6,032 |
| Corresponding period of last year ... | ... | ... | 3,000 | 5,479 |
| CHENAB CANAL... ... ... ... ... ... | 7·0 | 2·9 | 1,800 | 4,205 |
| Corresponding period of last year ... | ... | ... | 1,800 | 29·7 |
| *Total Perennial Canals* ... ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |

PUNJAB, IRRIGATION BRANCH.

*of* 1890-91 *up to 30th November* 1890.

| LAND IRRIGATED (APPROXIMATE). | | RAINFALL. | | | CHIEF CROPS (APPROXIMATE). | | |
|---|---|---|---|---|---|---|---|
| Zilla. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | REMARKS. |
| Peshawar ... | 7,601 | 10 | 0·71 | 3·45 | Wheat ...<br>Barley ...<br>Others ...<br>Miscellaneous | 4,730<br>808<br>1,938<br>125 | Supply ample. Demand good till end of month, when rain fell heavily and the demand stopped. |
| ... | 7,601 | ... | ... | ... | ... | 7,601 | |
| ... | 5,615 | ... | ... | ... | ... | 5,615 | |
| Umballa ...<br>Delhi ...<br>Rohtak ...<br>Karnál ...<br>Hissar ...<br>Bikaner ...<br>Kalsia ... | 143<br>3,283<br>18,657<br>11,776<br>20,761<br>315<br>127 | } 20 {<br><br><br><br><br>...<br>... | 0·1<br>...<br>...<br>0·1<br>0·1<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>...<br>... | Wheat ...<br>Barley ...<br>Mixed grain...<br>Others ... | 30,327<br>13<br>8,373<br>16,349 | The demand has been fairly keen and was fully met. Decrease in area is due to large area of sugar-cane, which has been extensively watered. Also irrigation done has not been closely booked, owing to sickness among establishment. |
| ... | 55,062 | ... | ... | ... | ... | 55,062 | |
| ... | 86,050 | ... | ... | ... | ... | 86,050 | |
| *Gurdáspur* ...<br>Amritsar ...<br>Lahore ... | 8,485<br>84,501<br>138,743 | 26<br>23<br>23 | 0·10<br>0·10<br>0·15 | ...<br>0·03<br>0·59 | Wheat ...<br>Barley ...<br>Mixed grain...<br>Others ... | 112,398<br>1,573<br>8,813<br>108,945 | The canal ran during the whole month. Rainfall above the average in the Lahore District. Decrease of 3,254 acres as compared with last year is due to timely rainfall in the Lahore District, allowing large areas of wheat to be sown as "baráni" which otherwise would have been irrigated. |
| ... | 231,729 | ... | ... | ... | ... | 231,729 | |
| ... | 234,983 | ... | ... | ... | ... | 234,983 | |
| Ludhiána ...<br>Ferozepore ...<br>Hissar ...<br>Farídkot ...<br>Patiála ...<br>Nábha ...<br>Jind ...<br>Kalsia ... | 29,979<br>187,913<br>2,235<br>37,397<br>39,836<br>18,211<br>777<br>1,827 | } 8 {<br><br>...<br>...<br>...<br>...<br>...<br>... | 0·9<br>0·1<br>...<br>...<br>...<br>...<br>...<br>... | ...<br>...<br>...<br>...<br>...<br>...<br>...<br>... | Wheat ...<br>Barley ...<br>Mixed grain...<br>Others ... | 121,196<br>4,258<br>1,816<br>190,907 | The demand continued very keen throughout the month, and exceeded the supply available. The increase in irrigated area is very satisfactory. |
| ... | 318,175 | ... | ... | ... | ... | 318,175 | |
| ... | 252,831 | ... | ... | ... | ... | 252,831 | |
| Gujránwála ... | 2,026 | 5 | ... | 0·13 | Wheat ...<br>Barley ...<br>Others ...<br>Miscellaneous | 531<br>37<br>11<br>1,447<br>2,026 | The bund across the side channel was closed on the 15th, and the canal re-opened with a very good supply, much in excess of demand. Prospects good, though there is still much village land not broken up and the demand is thus diminished. |
| ... | 135 | ... | ... | ... | ... | 135 | |
| ... | 614,593 | ... | ... | ... | ... | 614,593 | |
| ... | 579,614 | ... | ... | ... | ... | 579,614 | |

*Irrigation Operations of Fasl Rabi*

| Canal Division. | Water distributed during November 1890. Depth in Canal at regulating gauge. Full supply. | Depth in Canal at regulating gauge. Actual throughout. | Gross consumption, cubic feet per second. Estimated full supply. | Gross consumption, cubic feet per second. Actual average throughout. |
|---|---|---|---|---|
| **INUNDATION CANALS.** | | | | |
| LOWER SOHAG CANAL ... ... ... ... ... | ... | ... | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| SIDHNAI CANAL ... ... ... ... ... | 6 | 1,072 | ... | ... |
| Corresponding period of last year ... | ... | ... | ... | ... |
| UPPER SUTLEJ CANALS ... ... ... ... ... | ... | ... | ... | ... |
| LOWER SUTLEJ AND CHENAB CANALS ... ... ... | ... | ... | ... | ... |
| INDUS CANALS ... ... ... ... ... ... | ... | ... | ... | ... |
| MUZAFFARGARH CANALS ... ... ... ... ... | ... | ... | ... | ... |
| *Total Inundation Canals* ... | ... | ... | ... | ... |
| *Corresponding period of last year* ... | ... | ... | ... | ... |
| **ABSTRACT.** | | | | |
| PERENNIAL CANALS. | | | | |
| Swat River Canal ... ... ... ... ... | ... | ... | ... | ... |
| Western Jumna Canal ... ... ... ... ... | ... | ... | ... | ... |
| Bári Doáb Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sirhind Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Chenab Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Total Perennial Canals ... | ... | ... | ... | ... |
| INUNDATION CANALS. | | | | |
| Lower Sohág Canal ... ... ... ... ... | ... | ... | ... | ... |
| Sidhnai Canal ... ... ... ... ... ... | ... | ... | ... | ... |
| Upper Sutlej Canals ... ... ... ... ... | ... | ... | ... | ... |
| Lower Sutlej and Chenab Canals ... ... ... ... | ... | ... | ... | ... |
| Indus Canals ... ... ... ... ... ... | ... | ... | ... | ... |
| Muzaffargarh Canals ... ... ... ... ... | ... | ... | ... | ... |
| Total Inundation Canals ... | ... | ... | ... | ... |
| GRAND TOTAL PERENNIAL & INUNDATION CANALS ... | ... | ... | ... | ... |
| CORRESPONDING PERIOD OF LAST YEAR ... | ... | ... | ... | ... |

LAHORE:
*The 15th December 1890.*

*of* 1890-91 *up to* 30*th November* 1890—concluded.

| Land Irrigated (approximate). | | Rainfall. | | | Chief Crops (approximate). | | Remarks. |
|---|---|---|---|---|---|---|---|
| Zilla. | Acres. | Number of years on which average is struck. | Average. | During month. | Name. | Area in acres. | |
| Montgomery ... | 26,794 | ... | ... | 0·23 | ... | 26,794 | |
| ... | 25,369 | ... | ... | ... | ... | 25,369 | |
| Mooltan ... | 50,931 | 26 | 0·38 | 0·64 | Wheat ...<br>Barley ...<br>Miscellaneous | 29,370<br>389<br>21,172 | *There is an increase of 11,970 acres on the Sidhnai Canal as compared with last year. Adding the irrigation of the Koranga and Fazal Shah Canals noted below, there is a total increase of 15,371 acres owing to moderate rainfall during the month; further rain crops are being sown. The canal ran dry on 21st November 1890 :—<br>Koranga Canal 2,300 acres.<br>Fazal Shah Canal 1,101 acres. |
| | | | | | | *50,931 | |
| ... | 35,560 | ... | ... | ... | ... | 35,560 | |
| Lahore ... | 16,109 | 20 | 0·12 | 0·15 | ... | 16,109 | |
| Montgomery... | 44,863 | ... | ... | ... | ... | 44,863 | |
| Mooltan ... | 218,727 | 26 | 0·38 | 0·64 | ... | 218,727 | |
| Dera Gházi Khan | 37,512 | 10 | 0·25 | 1·97 | ... | 37,512 | |
| Muzaffargarh ... | 154,359 | 5 | 0·14 | ... | ... | 154,359 | |
| ... | 549,295 | ... | ... | ... | ... | 549,295 | |
| ... | 562,666 | ... | ... | ... | ... | 562,666 | |
| ... | 7,601 | ... | ... | ... | ... | 7,601 | |
| ... | 55,062 | ... | ... | ... | ... | 55,062 | |
| ... | 231,729 | ... | ... | ... | ... | 231,729 | |
| ... | 318,175 | ... | ... | ... | ... | 318.175 | |
| ... | 2,026 | ... | ... | ... | ... | 2,026 | |
| ... | 614,593 | ... | ... | ... | ... | 614,593 | |
| ... | 26,794 | ... | ... | ... | ... | 26,794 | |
| ... | 50,931 | ... | ... | ... | ... | 50,931 | |
| ... | 60,972 | ... | ... | ... | ... | 60,972 | |
| ... | 218,727 | ... | ... | ... | ... | 218,727 | |
| ... | 37,512 | ... | ... | ... | ... | 37,512 | |
| ... | 154,359 | ... | ... | ... | ... | 154,359 | |
| ... | 549,295 | ... | ... | ... | ... | 549,295 | |
| ... | 1,163,888 | ... | ... | ... | ... | 1,163,888 | |
| ... | 1,142,280 | ... | ... | ... | ... | 1,142,280 | |

M. COCKBURN,

*Superintendent, Office of Secretary to Government, Punjab, P. W. D.,*

*Irrigation Branch.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 15th NOVEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 9 | 13 | 10 | 5 | 5 | ... | ... | 9 | ... | ... | 1 | 1 | ... | 1 | 48 | 37 |
| 2 | | Hansi ... | 12,656 | 5 | 8 | 13 | 12 | 6 | 6 | ... | ... | 8 | 3 | ... | 1 | ... | ... | ... | 54 | 49 |
| 3 | | Bhiwani ... | 33,762 | 20 | 15 | 35 | 42 | 22 | 20 | ... | ... | 20 | 5 | ... | 17 | 5 | 3 | 8 | 54 | 65 |
| 4 | | Sirsa ... | 12,292 | 6 | 6 | 12 | 10 | 6 | 4 | ... | ... | 8 | 1 | ... | 1 | 3 | ... | 3 | 51 | 42 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 10 | 8 | 18 | 18 | 10 | 8 | ... | ... | 10 | 1 | ... | 7 | 2 | 1 | 3 | 60 | 60 |
| 6 | | Jhajjar ... | 11,650 | 6 | 5 | 11 | 6 | 6 | ... | ... | ... | 4 | ... | ... | 2 | 5 | ... | 5 | 49 | 27 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 9 | 8 | 17 | 11 | 8 | 3 | ... | ... | 5 | 2 | ... | 4 | 4 | ... | 4 | 36 | 23 |
| 8 | | Palwal ... | 10,635 | 7 | 6 | 13 | 14 | 6 | 8 | ... | ... | 6 | 3 | ... | 5 | 3 | 3 | 6 | 64 | 69 |
| 9 | Delhi ... | Delhi ... | 117,363 | 52 | 56 | 108 | 159 | 81 | 78 | ... | 1 | 103 | 7 | 2 | 46 | 14 | 14 | 28 | 48 | 71 |
| 10 | | " Suburbs ... | 52,882 | 11 | 9 | 20 | 14 | 6 | 8 | ... | ... | 8 | 2 | ... | 4 | ... | 1 | 1 | 20 | 14 |
| 11 | | Sonepat ... | 13,077 | 6 | 3 | 9 | 9 | 5 | 4 | ... | ... | 7 | 1 | ... | 1 | 1 | 1 | 2 | 36 | 36 |
| 12 | Karnal ... | Karnal ... | 23,133 | 16 | 13 | 29 | 33 | 19 | 14 | ... | ... | 23 | 4 | ... | 6 | 2 | 1 | 3 | 65 | 74 |
| 13 | | Kaithal ... | 14,754 | 7 | 4 | 11 | 11 | 6 | 5 | ... | ... | 5 | 4 | ... | 2 | 3 | 2 | 5 | 39 | 39 |
| 14 | | Panipat ... | 26,572 | 11 | 11 | 22 | 76 | 31 | 45 | ... | ... | 42 | 10 | ... | 24 | 8 | 9 | 17 | 43 | 149 |
| 15 | Umballa ... | Umballa ... | 26,777 | 10 | 14 | 24 | 47 | 21 | 26 | ... | ... | 29 | 11 | ... | 7 | 4 | 2 | 6 | 47 | 92 |
| 16 | | Jagadhri ... | 12,300 | 6 | 4 | 10 | 10 | 6 | 4 | ... | ... | 8 | ... | ... | 2 | 1 | 1 | 2 | 42 | 42 |
| 17 | | Shahabad ... | 10,218 | 1 | 3 | 4 | 1 | 6 | 4 | ... | ... | 5 | 3 | ... | 2 | 1 | 1 | 2 | 20 | 51 |
| 18 | | Sadhaura ... | 10,794 | 5 | ... | 5 | 6 | 2 | 4 | ... | ... | 4 | 1 | ... | 1 | 1 | ... | 1 | 24 | 29 |
| 19 | | Rupar ... | 10,326 | 1 | ... | 1 | 3 | 2 | 1 | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | 5 | 15 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 2 | 11 | 13 | 19 | 9 | 10 | ... | ... | 12 | 4 | 1 | 2 | 5 | 2 | 7 | 51 | 75 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 5 | 9 | 9 | 6 | 3 | ... | ... | 6 | ... | 1 | 2 | 2 | 2 | 4 | 46 | 46 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 24 | 13 | 37 | 27 | 16 | 11 | ... | ... | 11 | 4 | ... | 12 | 6 | 4 | 10 | 62 | 45 |
| 23 | | " Suburbs ... | 11,474 | 4 | 6 | 10 | 10 | 4 | 6 | ... | ... | 5 | 1 | ... | 4 | 3 | 1 | 4 | 45 | 45 |
| 24 | | Rahon ... | 11,736 | 3 | 4 | 7 | 18 | 13 | 5 | ... | ... | 15 | 2 | ... | 1 | 1 | ... | 1 | 31 | 80 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 27 | 29 | 56 | 42 | 25 | 17 | ... | 2 | 28 | 2 | ... | 10 | 7 | 4 | 11 | 66 | 50 |
| 26 | | Jagraon ... | 16,873 | 17 | 6 | 23 | 17 | 9 | 8 | ... | ... | 8 | 1 | ... | 8 | 2 | 1 | 3 | 71 | 53 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 13 | 5 | 18 | 24 | 11 | 13 | ... | ... | 19 | 1 | ... | 4 | 4 | 2 | 6 | 45 | 60 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 19 | 10 | 29 | 25 | 12 | 13 | ... | ... | 7 | 5 | ... | 13 | 7 | 4 | 11 | 47 | 41 |
| 29 | | " Suburbs ... | 25,593 | 15 | 10 | 25 | 27 | 15 | 12 | ... | ... | 13 | 2 | ... | 12 | 6 | 6 | 12 | 51 | 55 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 11 | 13 | 24 | 14 | 8 | 6 | ... | ... | 5 | 2 | ... | 7 | 4 | 3 | 7 | 100 | 58 |
| 31 | | Chiniot ... | 11,191 | 3 | 4 | 7 | 7 | 3 | 4 | ... | ... | 6 | ... | ... | 1 | ... | 1 | 1 | 33 | 33 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 32 | Lahore ... | Lahore ... | 97,208 | 43 | 36 | 79 | 109 | 60 | 49 | ... | ... | 81 | 2 | ... | 26 | 16 | 11 | 27 | 42 | 58 |
| 33 | | " Suburbs ... | 41,670 | 8 | 9 | 17 | 40 | 28 | 12 | ... | ... | 24 | 3 | ... | 13 | 2 | 2 | 4 | 21 | 50 |
| 34 | | Kasur ... | 17,336 | 9 | 11 | 20 | 15 | 10 | 5 | ... | ... | 12 | 2 | ... | 1 | ... | 1 | 1 | 60 | 45 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 51 | 59 | 110 | 201 | 100 | 101 | ... | ... | 109 | 22 | 1 | 69 | 24 | 27 | 51 | 40 | 73 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 9 | 6 | 15 | 16 | 8 | 8 | ... | ... | 10 | 2 | ... | 4 | ... | 1 | 1 | 32 | 34 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 23 | 7 | 30 | 55 | 17 | 38 | ... | ... | 39 | 6 | ... | 10 | 2 | 9 | 11 | 46 | 85 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 2 | ... | 2 | 98 | 57 | 41 | ... | ... | 89 | 4 | ... | 5 | 4 | 4 | 8 | 6 | 273 |
| | | Jalalpur ... | 12,839 | 7 | 2 | 9 | 19 | 12 | 7 | ... | ... | 11 | 4 | ... | 4 | 1 | 2 | 3 | 37 | 77 |
| | Gujranwala ... | Gujranwala ... | 22,884 | 10 | 14 | 24 | 27 | 12 | 15 | ... | ... | 19 | 1 | ... | 7 | 2 | 2 | 4 | 55 | 62 |
| | | Wazirabad ... | 16,462 | 8 | 6 | 14 | 41 | 24 | 17 | ... | ... | 34 | 3 | ... | 4 | 3 | 2 | 5 | 44 | 130 |
| | Shahpur ... | Bhera ... | 15,165 | 10 | 10 | 20 | 15 | 9 | 6 | ... | ... | 10 | 3 | ... | 2 | 2 | 1 | 3 | 69 | 52 |
| | Jhelum ... | Jhelum ... | 16,634 | 4 | 2 | 6 | 10 | 1 | 9 | ... | ... | 9 | ... | ... | 1 | 1 | 2 | 3 | 19 | 31 |
| | | *Pind Dadan Khan* ... | 16,724 | 4 | 1 | 5 | 15 | 5 | 10 | ... | ... | 9 | 3 | ... | 3 | ... | 2 | 2 | 16 | 47 |
| | Rawalpindi ... | Rawalpindi ... | 27,732 | 13 | 9 | 22 | 26 | 12 | 14 | ... | ... | 19 | ... | ... | 7 | 2 | 4 | 6 | 41 | 49 |
| | Peshawar ... | Peshawar ... | 59,292 | 31 | 29 | 60 | 36 | 15 | 21 | ... | ... | 23 | 1 | 1 | 11 | 8 | 2 | 10 | 53 | 32 |
| | Kohat ... | Kohat ... | 13,490 | 8 | 7 | 15 | 12 | 5 | 7 | ... | ... | 8 | ... | ... | 4 | 3 | ... | 3 | 58 | 46 |
| | D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 6 | 7 | 13 | 15 | 5 | 10 | ... | ... | 7 | 1 | ... | 7 | 3 | 4 | 7 | 36 | 41 |
| | D. G. Khan ... | Dera Ghazi Khan ... | 19,687 | 11 | 7 | 18 | 20 | 11 | 9 | ... | ... | 17 | 1 | ... | 2 | ... | 1 | 1 | 48 | 53 |
| | ...h and death-rate of London for the week ending 25th October 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 29·6 | 19·5 |
| | Grand Total ... | | 1,311,790 | 592 | 520 | 1,112 | 1,510 | 776 | 734 | ... | 3 | 970 | 142 | 6 | 389 | 178 | 146 | 324 | 44 | 60 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | ...ala ... | ... ... ... ... | 12,305 | 4 | 1 | 5 | 9 | 4 | 5 | ... | 4 | 3 | ... | ... | 2 | ... | 2 | 2 | 21 | 38 |
| | ...armsala | ... ... ... ... | 3,839 | 1 | ... | 1 | 4 | 2 | 2 | ... | ... | 2 | ... | ... | 2 | ... | 1 | 1 | 14 | 54 |
| | ...lhousie | ... ... ... ... | 870 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | ... |
| | ...urree | ... ... ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

...ote.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

A. STEPHEN, Surgeon-Major,

*Sanitary Commissioner, Punjab.*

...nitary Commissioner's Office,

Lahore:

*The 5th December* 1890.

*Remarks by the Sanitary Commissioner, Punjab, on the general health of the Province during the week ending Saturday, the 15th November 1890.*

*General results.*—The total deaths registered from all causes in the Province were 26,262 against 29,697 in the previous week and 18,623 in the corresponding week of the past year, giving, respectively, an annual death-rate of 72·7, 82·2 and 51·5 per 1,000 of population. There were 3,435 fewer deaths registered than in the previous week. The recorded death-rate is, however, 30·0 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There was one death registered under the head of cholera. It occurred in the Municipal town of Kila Sobha Singh, District Siálkot.

*Small-pox.*—From small-pox 44 deaths were registered against 50 in the previous week and 86 in the corresponding week of the past year.

*Fevers.*—From fevers there were 22,355 deaths against 25,526 in the previous week and 14,803 in the corresponding week of the past year. There were 3,171 fewer deaths registered under the head of fevers than in the previous week, a decrease of 1,496 having been recorded in the Siálkot and Gujrát districts, the recorded fever mortality in the districts of Siálkot, Gujránwála and Gujrát was at the very high annual rates of 195, 157 and 189 per 1,000 respectively.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 562 deaths against 625 in the previous week and 593 in the corresponding week of the past year registered under the head of bowel complaints

*Chest disease.*—Five hundred and seventy-six against 550 and 689.

*Snake-bite.*—Two against 7 and 3.

*Hydrophobia.*—Two against 0 and 1.

*All other causes.*—Two thousand seven hundred and twenty against 2,939 in the previous week and 2,538 in the corresponding week of the past year.

*Infantile mortality.*—Five thousand one hundred and twenty deaths were registered in the Province amongst infants under one year of age, of which number 2,635 were males and 2,485 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,510 deaths were registered (776 males and 734 females), giving a death-rate of 60 per mille of population; 1,112 births were registered (592 males and 520 females), giving a birth-rate of 44 per mille of population. The mortality recorded in the large Municipal towns is beginning to approach that of normal years. The average annual death-rate in these towns for the corresponding week of 1885—1889, was 51·0 per 1,000, or 9 per 1,000 less than that of the week under review.

LAHORE:
*The 5th December 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 22nd NOVEMBER 1890.

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery and Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Hissar ... | Hissar ... | 14,167 | 4 | 3 | 7 | 11 | 3 | 8 | ... | ... | 9 | 1 | ... | 1 | ... | ... | ... | 26 | 40 |
| 2 | | Hansi ... | 12,656 | 4 | 9 | 13 | 15 | 9 | 6 | ... | ... | 8 | 1 | ... | 6 | ... | 2 | 2 | 54 | 62 |
| 3 | | Bhiwani ... | 33,762 | 15 | 10 | 25 | 38 | 21 | 17 | ... | ... | 19 | 6 | ... | 13 | 4 | 2 | 6 | 39 | 59 |
| 4 | | Sirsa ... | 12,292 | 9 | 6 | 15 | 13 | 5 | 8 | ... | ... | 11 | ... | ... | 2 | 4 | 2 | 6 | 64 | 55 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 8 | 11 | 19 | 9 | 6 | 3 | ... | ... | 6 | 2 | ... | 1 | ... | 1 | 1 | 63 | 30 |
| 6 | | Jhajjar ... | 11,650 | 4 | 7 | 11 | 10 | 7 | 3 | ... | ... | 3 | 2 | ... | 5 | 4 | 1 | 5 | 49 | 45 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 12 | 16 | 28 | 13 | 7 | 6 | ... | ... | 9 | 2 | ... | 2 | 4 | 2 | 6 | 60 | 28 |
| 8 | | Palwal ... | 10,635 | 7 | 5 | 12 | 11 | 6 | 5 | ... | ... | 4 | 2 | ... | 5 | 1 | 2 | 3 | 59 | 54 |
| 9 | Delhi ... | Delhi ... | 117,363 | 53 | 63 | 116 | 172 | 86 | 86 | ... | ... | 107 | 12 | 1 | 52 | 17 | 14 | 31 | 52 | 76 |
| 10 | | " Suburbs ... | 52,882 | 19 | 13 | 32 | 29 | 11 | 18 | ... | ... | 17 | 1 | ... | 11 | 2 | 1 | 3 | 32 | 29 |
| 11 | | Sonepat ... | 13,077 | 11 | 7 | 18 | 13 | 7 | 6 | ... | ... | 12 | ... | ... | 1 | 1 | ... | 1 | 72 | 52 |
| 12 | Karnal ... | Karnal ... | 23,133 | 7 | 6 | 13 | 40 | 19 | 21 | ... | ... | 19 | 4 | ... | 17 | 5 | 6 | 11 | 29 | 90 |
| 13 | | Kaithal ... | 14,754 | 8 | 4 | 12 | 13 | 7 | 6 | ... | ... | 8 | ... | ... | 5 | 1 | 1 | 2 | 42 | 46 |
| 14 | | Panipat ... | 26,572 | 15 | 7 | 22 | 65 | 27 | 38 | ... | ... | 41 | 5 | ... | 19 | 3 | ... | 3 | 43 | 128 |
| 15 | Umballa ... | Umballa ... | 26,777 | 7 | 7 | 14 | 43 | 24 | 19 | ... | ... | 21 | 9 | ... | 13 | 1 | 1 | 2 | 27 | 84 |
| 16 | | Jagadhri ... | 12,300 | 2 | 5 | 7 | 10 | 5 | 5 | ... | ... | 3 | 1 | ... | 6 | ... | 2 | 2 | 30 | 42 |
| 17 | | Shahabad ... | 10,218 | 2 | 2 | 4 | 6 | 3 | 3 | ... | ... | 2 | 1 | ... | 3 | 1 | ... | 1 | 20 | 31 |
| 18 | | Sadhaura ... | 10,794 | 1 | 2 | 3 | 7 | 3 | 4 | ... | ... | 3 | ... | ... | 4 | 1 | 1 | 2 | 14 | 34 |
| 19 | | Rupar ... | 10,326 | 11 | 6 | 17 | 5 | 2 | 3 | ... | ... | 1 | 1 | ... | 3 | ... | 2 | 2 | 86 | 25 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 6 | 6 | 12 | 14 | 7 | 7 | ... | 1 | 7 | .. | ... | 6 | 2 | 2 | 4 | 47 | 55 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 2 | 6 | 11 | 7 | 4 | ... | .. | 6 | 3 | ... | 2 | 4 | ... | 4 | 30 | 56 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 15 | 26 | 41 | 22 | 11 | 11 | ... | ... | 7 | 3 | ... | 12 | 3 | 4 | 7 | 69 | 37 |
| 23 | | " Suburbs ... | 11,474 | 5 | 8 | 13 | 4 | 2 | 2 | ... | ... | 1 | ... | ... | 3 | 1 | 1 | 2 | 59 | 18 |
| 24 | | Rahon ... | 11,736 | 2 | 5 | 7 | 14 | 6 | 8 | ... | ... | 10 | 2 | ... | 2 | 1 | 2 | 3 | 31 | 62 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 28 | 21 | 49 | 50 | 25 | 25 | ... | 1 | 38 | 3 | ... | 8 | 7 | 6 | 13 | 58 | 59 |
| 26 | | Jagraon ... | 16,873 | 10 | 7 | 17 | 19 | 12 | 7 | ... | ... | 12 | 1 | ... | 6 | 3 | 2 | 5 | 53 | 59 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 14 | 8 | 22 | 18 | 6 | 12 | ... | ... | 13 | 1 | ... | 4 | 4 | 4 | 8 | 55 | 45 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 20 | 27 | 47 | 21 | 9 | 12 | ... | ... | 7 | 3 | ... | 11 | 5 | 7 | 12 | 77 | 34 |
| 29 | | " Suburbs ... | 25,593 | 17 | 18 | 35 | 20 | 10 | 10 | ... | ... | 10 | 2 | ... | 8 | 4 | 6 | 10 | 71 | 41 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 5 | 7 | 12 | 16 | 8 | 8 | ... | ... | 3 | 1 | ... | 12 | ... | 6 | 6 | 50 | 66 |
| 31 | | Chiniot ... | 11,191 | 5 | 11 | 16 | 7 | 2 | 5 | ... | .. | 2 | ... | ... | 5 | ... | 3 | 3 | 75 | 33 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| No. | Districts. | Towns. | Population. | Births. Males. | Births. Females. | Births. Total. | Deaths. Total. | Deaths. Males. | Deaths. Females. | Cause of Death. Cholera. | Cause of Death. Small-pox. | Cause of Death. Fever. | Cause of Death. Dysentery & Diarrhœa. | Cause of Death. Injuries. | Cause of Death. All other causes. | Infants under one year of age. Males. | Infants under one year of age. Females. | Infants under one year of age. Total. | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Lahore ... | Lahore ... | 97,208 | 44 | 45 | 89 | 108 | 50 | 58 | . | ... | 92 | 1 | ... | 15 | 11 | 12 | 23 | 48 | 58 |
| 33 | | " Suburbs ... | 41,670 | 6 | 12 | 18 | 36 | 24 | 12 | .. | ... | 21 | 4 | ... | 11 | 1 | 2 | 3 | 23 | 45 |
| 34 | | Kasur ... | 17,336 | 12 | 8 | 20 | 25 | 15 | 10 | ... | .. | 20 | .. | ... | 5 | 2 | 1 | 3 | 60 | 75 |
| 35 | Amritsar ... | Amritsar ... | 144,216 | 77 | 49 | 126 | 159 | 89 | 70 | ... | ... | 98 | 9 | 1 | 51 | 16 | 8 | 24 | 46 | 57 |
| 36 | Gurdaspur ... | Batala ... | 24,281 | 18 | 11 | 29 | 28 | 23 | 5 | ... | ... | 22 | 1 | ... | 5 | 3 | ... | 3 | 62 | 60 |
| 37 | Sialkot ... | Sialkot ... | 33,850 | 17 | 7 | 24 | 54 | 21 | 33 | ... | ... | 33 | 11 | ... | 10 | 4 | 4 | 8 | 37 | 83 |
| 38 | Gujrat ... | Gujrat ... | 18,743 | 3 | 5 | 8 | 84 | 45 | 39 | ... | ... | 82 | 1 | ... | 1 | 2 | 2 | 4 | 22 | 234 |
| 39 | | Jalalpur ... | 12,839 | 1 | 10 | 11 | 22 | 10 | 12 | ... | ... | 16 | 3 | ... | 3 | ... | 1 | 1 | 45 | 89 |
| 40 | Gujranwala ... | Gujranwala ... | 22,884 | 11 | 9 | 20 | 28 | 16 | 12 | ... | ... | 23 | 1 | ... | 4 | 6 | 2 | 8 | 46 | 64 |
| 41 | | Wazirabad ... | 16,462 | 5 | 6 | 11 | 40 | 15 | 25 | ... | ... | 35 | 1 | ... | 4 | 4 | 7 | 11 | 35 | 127 |
| 42 | Shahpur ... | Bhera ... | 15,165 | 6 | 13 | 19 | 14 | 9 | 5 | ... | ... | 5 | 3 | ... | 6 | 1 | 1 | 2 | 65 | 48 |
| 43 | Jhelum ... | Jhelum ... | 16,634 | 2 | 6 | 8 | 37 | 17 | 20 | ... | ... | 32 | 4 | ... | 1 | 2 | 4 | 6 | 25 | 116 |
| 44 | | Pind Dadan Khan ... | 16,724 | 7 | 6 | 13 | 12 | 7 | 5 | ... | ... | 7 | 4 | ... | 1 | 1 | ... | 1 | 41 | 37 |
| 45 | Rawalpindi ... | Rawalpindi ... | 27,732 | 9 | 4 | 13 | 26 | 17 | 9 | ... | ... | 15 | 1 | ... | 10 | 4 | 1 | 5 | 24 | 49 |
| 46 | Peshawar ... | Peshawar ... | 59,292 | 29 | 31 | 60 | 52 | 24 | 28 | ... | ... | 34 | ... | 2 | 16 | 6 | 8 | 14 | 53 | 46 |
| 47 | Kohat ... | Kohat ... | 13,490 | 7 | 7 | 14 | 16 | 8 | 8 | ... | ... | 6 | 2 | ... | 8 | 3 | 2 | 5 | 54 | 62 |
| 48 | D. I. Khan ... | D. I. Khan ... | 18,988 | 11 | 4 | 15 | 16 | 10 | 6 | ... | ... | 8 | 1 | ... | 7 | 5 | 2 | 7 | 41 | 44 |
| 49 | D. G. Khan ... | D. G. Khan ... | 19,687 | 5 | 7 | 12 | 10 | 7 | 3 | ... | ... | 8 | 2 | ... | ... | 2 | 1 | 3 | 32 | 27 |
| | Birth and death rate of London for the week ending 1st November 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | 27·1 | 21·4 |
| | | Grand Total ... | 1,311,790 | 600 | 575 | 1,175 | 1,506 | 770 | 736 | ... | 2 | 976 | 118 | 4 | 406 | 156 | 141 | 297 | 47 | 60 |
| | *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| | Simla ... | ... ... | 12,305 | ... | 6 | 6 | 11 | 8 | 3 | ... | 1 | 6 | .. | ... | 4 | 1 | 1 | 2 | 25 | 47 |
| | Dharmsala ... | ... ... | 3,839 | ... | ... | ... | 2 | ... | 2 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 27 |
| | Dalhousie ... | ... ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Murree ... | ... ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1881.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
*The 12th December 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

*Remarks by the Sanitary Commissioner, Punjab, of the General Health of the Province during the week ending Saturday, the 22nd November 1890.*

*General Results.*—The return is incomplete, the registers for the district of Bannu not having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 24,330 against 25,971 in the previous week and 17,296 in the corresponding week of the past year, giving respectively an annual death-rate of 68·5, 73·2 and 48·7 per 1,000 of population. The registered death-rate was 4·7 per 1,000 less than that of the previous week, but was 26·9 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 43 deaths were registered against 43 in the previous week and 99 in the corresponding week of the past year.

*Fevers.*—From fevers there were 20,549 deaths against 22,083 in the previous week and 13,621 in the corresponding week of the past year. The registered fever mortality continues to fall, especially in the districts of Sialkot, Gujrat and Gujranwala, in which districts 1,385 fewer fever deaths were registered than in the previous week. In these three districts the registered fever mortality was at the annual respective rates of 151, 118 and 136 per 1,000.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 534 deaths against 556 in the previous week and 438 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Five hundred and seventy-two against 576 and 704.

*Snake-bite.*—Three against 2 and 8.

*Hydrophobia.*—*Nil* against 2 and 1.

*All other causes.*—Two thousand six hundred and twenty-nine against 2,703 in the previous week and 2,422 in the corresponding week of the past year.

*Infantile mortality.*—Four thousand five hundred and sixty-nine deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 2,262 were males and 2,307 females.

*Births and Deaths in Municipal Towns.*—In the 49 large Municipal towns 1,506 deaths were registered (770 males and 736 females), giving a death-rate of 60 per mille of population; 1,175 births were registered (600 males and 575 females), giving a birth-rate of 47 per mille of population. The recorded death-rate of the 49 principal towns was the same as that registered last week. The mortality of the town of Gujrat was at the exceedingly high rate of 234 per 1,000.

LAHORE:
*The 12th December* 1890.

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

## NORTH-WESTERN RAILWAY.

*Abstract of the Principal Commodities carried over the North-Western Railway, excluding Rájpura-Bhatinda Railway, during the month of October 1890, as compared with the same month of the previous year, prescribed in P. W. D. Circular No. XVII R. of July 1883.*

| No. | Staples. | 1889. | 1890. | Increase in 1890. | Decrease in 1890. | REMARKS. |
|---|---|---|---|---|---|---|
| | | No. | No. | No. | No. | |
| 1 | Animals ... | 688 | 379 | ... | 309 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| 2 | Coal and Coke ... | 1,431 | 2,770 | 1,339 | ... | |
| 3 | Cotton, raw ... | 261 | 167 | ... | 94 | |
| 4 | Cotton, Manufactured ... | 2,572 | 2,702 | 130 | ... | |
| 5 | Drugs and Medicines ... | 1,212 | 1,064 | ... | 148 | |
| 6 | Dyeing materials ... | 947 | 658 | ... | 289 | |
| 7 | Fibrous products ... | 1,786 | 1,781 | ... | 5 | |
| 8 | Fruits and Nuts ... | 2,765 | 2,896 | 131 | ... | |
| 9 | Grain and Pulses— | | | | | |
| | (a) Wheat ... | 51,304 | 37,458 | ... | 13,846 | |
| | (b) Gram ... | 2,349 | 4,203 | 1,854 | ... | |
| | (c) Other grain ... | 9,214 | 10,689 | 1,475 | ... | |
| 10 | Hides and Horns ... | 652 | 643 | ... | 9 | |
| 11 | Leather and manufactures of leather ... | 210 | 180 | ... | 30 | |
| 12 | Liquors ... | 932 | 1,054 | 122 | ... | |
| 13 | Metals and manufactures of metals ... | 2,844 | 2,354 | ... | 490 | |
| 14 | Military Stores ... | 1,718 | 1,111 | ... | 607 | |
| 15 | Oils ... | 1,199 | 1,530 | 331 | ... | |
| 16 | Provisions—Ghee, &c. ... | 1,842 | 2,409 | 567 | ... | |
| 17 | Railway materials ... | 12,036 | 2,812 | ... | 9,224 | |
| 18 | Salt ... | 7,713 | 8,145 | 432 | ... | |
| 19 | Saltpetre ... | 16 | 34 | 18 | ... | |
| 20 | Seeds ... | 1,974 | 3,098 | 1,124 | ... | |
| 21 | Silk ... | 18 | 22 | 4 | ... | |
| 22 | Spices ... | 673 | 806 | 133 | ... | |
| 23 | Stone, Kunkur, Lime and Bricks | 6,331 | 10,309 | 3,978 | ... | |
| 24 | Sugar ... | 4,080 | 5,614 | 1,534 | ... | |
| 25 | Tea ... | 229 | 253 | 24 | ... | |
| 26 | Tobacco ... | 602 | 860 | 258 | ... | |
| 27 | Wood— | | | | | |
| | (a) Timber ... | 2,372 | 1,468 | ... | 904 | |
| | (b) Fire-wood ... | 2,989 | 2,554 | ... | 435 | |
| 28 | Wool ... | 1,416 | 890 | ... | 526 | |
| 29 | All other articles of merchandize | 5,644 | 5,051 | ... | 593 | |
| | | No. | No. | No. | No. | |
| | Total ... { Animals ... | 688 | 379 | ... | 309 | |
| | | Tons. | Tons. | Tons. | Tons. | |
| | Total ... { Goods ... | 1,29,331 | 1,15,585 | ... | 13,746 | |

LAHORE:
The 6th December 1890.

R. K. WILLIAMS,
*Examiner of Accounts.*

Punjab Government Press, Lahore—18-12-90—690.

No. 52 of 1890.

# SUPPLEMENT TO THE Government Gazette PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 25, 1890.

## PART I.

## STATISTICAL.

### WEATHER AND CROP REPORT FOR WEEK ENDING 23rd DECEMBER 1890.

| No. | Reporting Station. | Rain. | Supply of fodder. | Prices. | Prospects of | |
|---|---|---|---|---|---|---|
| | | | | | Kharif. | Rabi. |
| 1 | Hissar ... | 0·28 at Hissar. 0·30 in Hánsi. 0·24 in Bhiwáni. 0·29 in Fateh-abad. 0·50 in Sirsa. | Sufficient. | Stationary. | — | More rain wanted. |
| 2 | Delhi ... | 0·45 at Sadr. 0·26 in Sonepat. 0·30 in Ballab-garh. | — | Do. | — | More rain urgently wanted. |
| 3 | Umballa ... | 0·44 | — | Do. | — | Prospects good. Hail fell at Umballa, but did no harm to crop. |
| 4 | Jullundur ... | 1·34 | Sufficient. | Do. | — | Prospects of standing crops good. |
| 5 | Ferozepore ... | 1·45 at Sadr. 1·29 in Moga. 1·39 in Muktsar. 1·59 in Fázilka. 0·65 in Nathána. | Do. | ... | — | Prospects have much improved by the recent rain. |
| 6 | Amritsar ... | 1·85 average. | Do. | Stationary. | — | Crops in good condition. |
| 7 | Siálkot ... | Rainfall throughout. | Do. | Do. | — | Prospects most flourishing. |
| 8 | Lahore ... | 1·50 at Lahore. 1·77 in Kasúr. 1·68 in Chunián. 1·12 in Sharak-pur. | Do. | Do. | — | Sowings of barley still in progress. Standing crops good. |
| 9 | Mooltan ... | 1·48 at Sadr. 0·95 in Shuj-abad. 0·97 in Lodhrán 1·38 in Mailsi. 1·23 in Kabir-wála. | Plentiful except in Kawa. | Do. | — | Crops in good condition. |
| 10 | Ráwalpindi ... | 2·41 at Ráwal-pindi. 0·21 in Gujar Khán. 0·36 in Kahúta. 0·70 in Attock. | Sufficient. | Do. | — | Prospects average. Locusts in Ráwalpindi, Gujar Khan and Kahúta Tahsils. |
| 11 | Shahpur ... | Slight rainfall. | Do. | Do. | Cotton picking ends. | Prospects much improved. Swarms of locusts appeared in Tahsíls Bhera and Khusháb, and did a little damage in latter tahsíl. |
| 12 | D. I. Khan ... | 0·54 | Average. | Do. | — | Sowings nearly finished. |
| 13 | Peshávar ... | ... | Sufficient. | Do. | — | Wheat and barley sowings in progress. Prospects fair. |

#### *GENERAL REMARKS.*

Rain has fallen in all districts except Pesháwar. Prices are reported stationary throughout. Cotton picking over in Shahpur. Barley sowings still in progress in Lahore. More rain wanted in Hissar and Delhi. Prospects of standing crops are reported good to average. Hail fell at Umballa, but did no harm to crops. Locusts appeared in Ráwalpindi, Gujar Khan and Kahuta Tahsíls of Ráwalpindi District, and in Bhera and Khusháb of Shahpur District, but only did a little damage in Khusháb. Fodder sufficient in all districts

# RAIN RETURNS, PUNJAB.

## Explanations.

Column 2.—*C* indicates Canal Stations.
The Gauges in use are indicated thus—
*b*—Watson's Improved.
*s*—Symon's Improved.
Stations not thus marked, use the old pattern gauge.

Columns 4—10.—*T* = Thunder.
*H* = Hail.
*R* = Slight rain not measured.

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## WEEKLY RAIN REPORTS RECEIVED TOO LATE FOR INSERTION IN PREVIOUS GAZETTES.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | Date of fall last reported. | Fall of Rain on each Day of the Week. | | | | | | | Total. | Special Remarks. |
| | | | *Week ending 29th November* 1890. | | | | | | | | |
| | | | Sunday 23rd. | Monday 24th. | Tuesday 25th. | Wednesday 26th. | Thursday 27th. | Friday 28th. | Saturday 29th. | | |
| Gurdaspur. | Pathánkot ... | 20th October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | | | *Week ending 6th December* 1890. | | | | | | | | |
| | | | Sunday 30th. | Monday 1st. | Tuesday 2nd. | Wednesday 3rd. | Thursday 4th. | Friday 5th. | Saturday 6th. | | |
| Gurgaon. | Panahana ... | 29th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |

## RAIN REPORT FOR THE WEEK ENDING SATURDAY, THE 13th DECEMBER 1890.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Fall of Rain on each Day of the Week. | | | | | | | | |
| | | | Month of December 1890. | | | | | | | | |
| District. | Rain-Gauge Stations. | Date of fall last reported. | Sunday 7th. | Monday 8th. | Tuesday 9th. | Wednesday 10th. | Thursday 11th. | Friday 12th. | Saturday 13th. | Total. | Special Remarks. |
| Hissar. | Sirsa s | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahabad | Ditto | ... | 0·21 | ... | ... | ... | ... | ... | 0·21 | |
| | Barwála | 20th October | ... | 0·24 | ... | ... | ... | ... | ... | 0·24 | |
| | Hissar s | 28th Septr. | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Hánsi | 20th October | ... | R | ... | ... | ... | ... | ... | ... | |
| | Bhiwáni | 21st Do. | ... | 0·24 | ... | ... | ... | ... | ... | 0·24 | |
| | Budhláda | 2nd Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dhaneta C | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Rohtak. | Rohtak s | 22nd October | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Gohána | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sámpla | 22nd Do. | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Jhajjar | 28th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Gurgaon. | Farukhnagar | 26th Septr. | ... | 0·08 | ... | ... | ... | ... | ... | 0·08 | |
| | Játusana | 25th Do. | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Rewári | 24th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Shahjahánpur | 1st October | ... | H. 0·40 | ... | ... | ... | ... | ... | 0·40 | |
| | Tauru | 24th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nuh | 25th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Fírozpur | Ditto | T.R. | ... | ... | ... | ... | ... | ... | ... | |
| | Hodal | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Hattin | 26th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Palwal | 24th Do. | 0·04 | ... | ... | ... | ... | ... | ... | 0·04 | |
| | Sohna | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurgaon s | 24th Do. | R. | ... | ... | ... | ... | ... | ... | ... | |
| | Punahána | 29th Do. | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| Delhi. | Ballabgarh | 21st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mahrauli | 17th Septr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr (Delhi) s | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sonepat | 23rd Do. | ... | R. | ... | ... | ... | ... | ... | ... | |
| Karnal. | Pánipat | 20th October | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karnál s | 21st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rajaund | 20th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kaithal | 19th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gulah | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| Umballa. | Pipli | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jagádhri | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Umballa s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naráingarh | Ditto | ... | ... | 0·08 | ... | ... | ... | ... | 0·08 | |
| | Kharar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rupar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kotra C | 30th Novr. | 0·14 | ... | ... | ... | ... | ... | ... | 0·14 | |
| | Jodhpur C | 16th August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Raniki C | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dádupur C | 1st Decr. | 0·35 | ... | ... | ... | ... | ... | ... | 0·35 | |
| Simla | Kasauli s | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Barauli | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Simla s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kot Khái | 19th Novr. | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| | Kotgarh | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | Stat. not received. |
| | Kilba s | 21st October | ... | ... | ... | ... | ... | ... | ... | ... | |
| Kangra. | Plách | 30th Novr. | 0·15 | ... | 0·03 | ... | ... | ... | ... | 0·18 | |
| | Kulu s | 1st Decr. | ... | 0·58 | 0·05 | ... | ... | ... | ... | 0·63 | |
| | Nagar | Ditto | ... | 0·41 | 0·34 | 0·12 | ... | ... | ... | 0·87 | |
| | Pálampur | Ditto | ... | 0·01 | ... | ... | ... | ... | ... | 0·01 | |
| | Hamírpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera | Ditto | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| | Kángra | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dharmsála s | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nurpur | Ditto | ... | 0·01 | ... | ... | ... | ... | ... | 0·01 | |
| Hoshiarpur. | Dasúya | 30th Novr. | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| | Una | Ditto | ... | 0·07 | ... | ... | ... | ... | ... | 0·07 | |
| | Garhshankar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hoshiárpur | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| District. | Rain-Gauge Stations. | | Date of fall last reported. | Fall of Rain on each Day of the Week. Month of *December* 1890. Sunday 7th. | Monday 8th. | Tuesday 9th. | Wednesday 10th. | Thursday 11th. | Friday 12th. | Saturday 13th. | Total. | Special Remarks. |
| Jullundur. | Jullundur | *s* | 1st October ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nakodar | ... | Ditto ... | ... | ... | 0·04 | ... | ... | ... | ... | 0·04 | |
| | Phillour | ... | 2nd Decr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nawashahr | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Ludhiana. | Samrála | ... | 30th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ludhiána | *s* | Ditto ... | 0·08 | 0·08 | ... | ... | ... | ... | ... | 0·16 | |
| | Jagraon | ... | 2nd Decr. ... | 0·01 | ... | ... | ... | ... | ... | ... | 0·01 | |
| Ferozepore. | Moga | ... | 22nd October ... | 0·04 | ... | ... | ... | ... | ... | ... | 0·04 | Weather cloudy. Rain wanted. |
| | Zíra | ... | 20th Do. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore | ... | 25th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ferozepore City | ... | 27th Septr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muktsar | ... | 1st Decr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fázilka | ... | 24th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nathána | ... | 1st Decr ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gobindgarh *C* | ... | 8th August ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Mooltan. | Mailsi | ... | 26th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lodhrán | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shejabad | ... | 27th Novr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mooltan | ... | Ditto ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Kabírwála | ... | Ditto ... | 0·15 | ... | ... | ... | ... | ... | ... | 0·15 | |
| Jhang. | Shorkot | ... | 27th Novr. ... | 0·02 | ... | ... | ... | ... | ... | ... | 0·02 | |
| | Jhang | *s* | Ditto ... | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Chiniot | ... | 26th Novr. ... | ... | 0·02 | ... | ... | ... | ... | ... | 0·02 | |
| Montgomery. | Gugera | ... | 1st Decr. ... | ... | 0·13 | ... | ... | ... | ... | ... | 0·13 | |
| | Montgomery | *s* | 27th Novr. ... | ... | 0·14 | ... | ... | ... | ... | ... | 0·14 | |
| | Pákpattan | ... | 2nd Decr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dipálpur | ... | 1st Do. ... | ... | 0·14 | ... | ... | ... | ... | ... | 0·14 | |
| Lahore. | Van *C* | *b* | 2nd Decr. ... | ... | 0·04 | ... | ... | ... | ... | ... | 0·04 | |
| | Chuniân | ... | 29th Novr. ... | 0·16 | ... | ... | ... | ... | ... | ... | 0·16 | |
| | Kasúr | ... | 1st Decr. ... | 0·09 | ... | ... | ... | ... | ... | ... | 0·09 | |
| | Pambe *C* | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sharakpur | ... | 30th Novr. ... | 0·20 | ... | ... | ... | ... | ... | ... | 0·20 | |
| | Niás Beg *C* | ... | 1st Decr. ... | ... | 0·25 | ... | ... | ... | ... | ... | 0·25 | |
| | Lahore | *s* | Ditto ... | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Meean Meer *C* | *b* | Ditto ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Manihála *C* | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Statement not received. |
| | Dafthu *C* | *b* | Ditto ... | ... | 0·16 | ... | ... | ... | ... | ... | 0·16 | |
| Amritsar. | Buchar *C* | *b* | 1st Decr. ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Khara *C* | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Tarn Táran | ... | 30th Novr. ... | ... | 0·08 | ... | ... | ... | ... | ... | 0·08 | |
| | Raya *C* | ... | 21st October ... | ... | ... | ... | ... | ... | ... | ... | ... | } Ditto. |
| | Jandiála *C* | ... | 1st Decr. ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jail Hospital | ... | 30th Novr. ... | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Amritsar Sadr | *s* | Ditto ... | ... | 0·12 | ... | ... | ... | ... | ... | 0·12 | |
| | Amritsar *C* | ... | 1st Decr. ... | ... | 0·10 | ... | ... | ... | ... | ... | 0·10 | |
| | Buggah *C* | ... | 30th Novr. ... | ... | 0·20 | ... | ... | ... | ... | ... | 0·20 | |
| | Ajnála | ... | Ditto ... | ... | 0·16 | ... | ... | ... | ... | ... | 0·16 | |
| Gurdaspur. | Aliwál *C* | ... | 1st Decr. ... | ... | 0·15 | ... | ... | ... | ... | ... | 0·15 | |
| | Batála | ... | Ditto ... | ... | 0·07 | ... | ... | ... | ... | ... | 0·07 | |
| | Kaler *C* | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | } Ditto. |
| | Tibri *C* | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gurdáspur | *s* | Ditto ... | ... | R. | ... | ... | ... | ... | ... | ... | |
| | Bhímpur *C* | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Pathánkot | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dalhousie | *s* | 4th Decr. ... | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| | Mádhopur *C* | *b* | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | Ditto. |
| | Shakargarh | ... | 1st Decr. ... | ... | 0·22 | ... | ... | ... | ... | ... | 0·22 | |
| Sialkot. | Zafarwál | ... | 1st Decr. ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Pasrúr | ... | Ditto ... | ... | 0·19 | ... | ... | ... | ... | ... | 0·19 | |
| | Raya | ... | Ditto ... | ... | 0·30 | ... | ... | ... | ... | ... | 0·30 | |
| | Daska | ... | Ditto ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Siálkot | *s* | Ditto ... | 0·12 | ... | ... | ... | ... | ... | ... | 0·12 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FALL OF RAIN ON EACH DAY OF THE WEEK. Month of December 1890. | | | | | | | | |
| DISTRICT. | RAIN-GAUGE STATIONS. | Date of fall last reported. | Sunday 7th. | Monday 8th. | Tuesday 9th. | Wednesday 10th. | Thursday 11th. | Friday 12th. | Saturday 13th. | TOTAL. | SPECIAL REMARKS. |
| GUJRAT. | Sadr *s* | 1st Decr. | ... | 0·11 | ... | ... | ... | ... | ... | 0·11 | |
| | Khárián | Ditto | ... | ... | 0·05 | ... | ... | ... | ... | 0·05 | |
| | Phália | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| GUJRANWALA. | Rámnagar | 29th Novr. | 0·13 | ... | ... | ... | ... | ... | ... | 0·13 | |
| | Wazirabad | 30th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Kacheri *s* | Ditto | 0·09 | ... | ... | ... | ... | ... | ... | 0·09 | |
| | Shekhupura | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Háfizabad | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Meluána *C* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahkot *C* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| SHAHPUR. | Midh *s* | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sahiwál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Núrpur | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mitha Tiwána | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sakesar | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Naushahra | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Khushab | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Shahpur *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bhera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Miáni | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| JHELUM. | Pind Dádan Khan | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sadr Station *s* | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Chakwál | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Talagang | 2nd Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| RAWALPINDI. | Pindigheb | 30th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fatahjang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Attock | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Ráwalpindi *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Gujar Khan | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Kahúta | 4th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Murree *s* | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| HAZARA | Abbott-abad *s* | 5th Decr. | ... | ... | 0·14 | R. | ... | ... | ... | 0·14 | |
| | Mansahra | Ditto | ... | ... | 0·31 | 0·01 | ... | ... | ... | 0·32 | |
| | Haripur | Ditto | ... | ... | 0·10 | 0·10 | ... | ... | ... | 0·20 | |
| PESHAWAR. | Sawábi | 2nd Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Lahore (Utman Bolak) | 1st Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Nowshera | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Mardán *s* | 5th Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Katlang | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hashtnagar | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Doab Daudzai | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Peshawar *s* | 2nd Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| KOHAT. | Kohát *s* | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Hangu | 5th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Thal | 27th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Karak | 3rd Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| BANNU. | Miánwáli | 1sth Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Isa Khel | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Bannu *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Marwat | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA ISMAIL KHAN. | Tánk | 27th Novr. | 0·10 | ... | ... | ... | ... | ... | ... | 0·10 | |
| | Kuláchi | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | D. I. Khan *s* | 28th Novr. | ... | ... | ... | ... | ... | ... | ... | 0·36 | |
| | Bhakkar | 27th Do. | 0·36 | ... | ... | ... | ... | ... | ... | ... | |
| | Leiah | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| DERA GHAZI KHAN. | Sangarh | 1st Decr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Dera Gházi Khan *s* | 27th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Fort Munro *s* | 23rd August | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Jampur | 26th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Rájanpur | 27th Do. | ... | ... | ... | ... | ... | ... | ... | ... | |
| MUZAFFARGARH. | Alipur | 26th Novr. | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Muzaffargarh *s* | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |
| | Sinánwan | Ditto | ... | ... | ... | ... | ... | ... | ... | ... | |

PESTONJI, *Supdt.*,

*Office of Director of Land Records and Agriculture, Punjab.*

## Memo. of Errors.

*For the week ending 5th October 1890.*

Against Simla (Simla District) insert in column 6, 0·22, and in column 11 *for* 0·22 *read* "0·44."

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

| 1 | 2 | | | 3 | | | 4 | | | 5 | | | 6 | | | 7 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | QUANTITIES PER RUPEE BY | | | | | | | | | | | | | | | | | |
| | *Wheat.* | | | *Barley.* | | | *Rice (best sort).* | | | *Rice (common).* | | | *Jowár or Cholum (Sorghum vulgare).* | | | *Bájra or Cumbu (Pennisetum Typhoideum).* | | |
| DISTRICT. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Hissar ... | 16 | 16 | 18 | 23 | 22 | 27 | ... | ... | ... | 9 | 10 | 11 | 22 | 22 | 24 | 22 | 22 | 22 |
| Rohtak ... | 18 | 18 | 18 | 19 | 20 | 22 | ... | ... | ... | 10 | 10 | 12 | 24 | 24 | 23 | 21 | 21 | 20 |
| Gurgaon ... | 17 | 17 | 16 | 20 | 21 | 25 | ... | ... | ... | 10 | 10 | 9 | 23 | 23 | 25 | 19 | 20 | 20 |
| Delhi ... | 16 | 16 | 17 | 19 | 19 | 24 | ... | ... | ... | 12 | 12 | 12 | 20 | 20 | 21 | 18 | 18 | 20 |
| Karnál ... | 17 | 17 | 17 | 20 | 20 | 28 | ... | ... | ... | 12 | 12 | 12 | 22 | 22 | 25 | 18 | 18 | 19 |
| Umballa ... | 18 | 18 | 19 | 20 | 20 | 24 | ... | ... | ... | 11 | 12 | 10 | 20 | 21 | 25 | 19 | 20 | 18 |
| Simla ... | 14 | 13 | 14 | 15 | 15 | 20 | ... | ... | ... | 8 | 8 | 9 | 13 | 13 | 15 | 14 | 14 | 13 |
| Kángra ... | 18 | 18 | 20 | 24 | 24 | 27 | ... | ... | ... | 14 | 14 | 13 | 14 | 13 | 14 | 10 | 10 | 10 |
| Hoshiárpur ... | 19 | 19 | 21 | 26 | 25 | 30 | ... | ... | ... | 10 | 10 | 10 | 24 | 25 | 24 | 20 | 18 | 21 |
| Jullundur ... | 19 | 19 | 21 | 24 | 24 | 32 | ... | ... | ... | 8 | 8 | 8 | 24 | 24 | 24 | 18 | 19 | 20 |
| Ludhiána ... | 18 | 18 | 25 | 21 | 23 | 33 | ... | ... | ... | 12 | 7 | 12 | 23 | 23 | 27 | 22 | 22 | 23 |
| Ferozepore ... | 18 | 18 | 19 | 24 | 24 | 35 | ... | ... | ... | 10 | 10 | 10 | 23 | 23 | 30 | 22 | 22 | 26 |
| Mooltan ... | 15 | 16 | 16 | 24 | 24 | 23 | ... | ... | ... | 12 | 12 | 11 | 26 | 26 | 24 | 23 | 24 | 20 |
| Jhang ... | 15 | 15 | 19 | 25 | 25 | 30 | ... | ... | ... | 9 | 9 | 8 | 22 | 20 | 25 | 20 | 20 | 23 |
| Montgomery ... | 17 | 16 | 18 | 24 | 24 | 28 | ... | ... | ... | 10 | 12 | 10 | 20 | 20 | 22 | 20 | 20 | 20 |
| Lahore ... | 17 | 16 | 19 | 26 | 26 | 36 | .. | ... | ... | 11 | 11 | 11 | 26 | 26 | 32 | 20 | 20 | 18 |
| Amritsar ... | 18 | 18 | 21 | 24 | 24 | 34 | ... | ... | ... | 12 | 13 | 11 | 24 | 24 | 29 | 18 | 20 | 19 |
| Gurdáspur ... | 18 | 19 | 23 | 24 | 24 | 28 | ... | ... | ... | 14 | 14 | 14 | 24 | 26 | 20 | 14 | 14 | 14 |
| Siálkot ... | 18 | 18 | 22 | 26 | 27 | 36 | ... | ... | ... | 14 | 14 | 14 | 30 | 30 | 32 | 24 | 24 | 26 |
| Gujrát ... | 19 | 19 | 21 | 28 | 30 | 35 | ... | ... | ... | 11 | 11 | 7 | 26 | 25 | 30 | 22 | 24 | 26 |
| Gujránwála ... | 18 | 19 | 20 | 28 | 29 | 35 | ... | ... | ... | 13 | 14 | 12 | 26 | 26 | 33 | 20 | 24 | 20 |
| Shahpur ... | 18 | 17 | 23 | 18 | 23 | 34 | ... | ... | ... | 10 | 10 | 10 | 22 | 24 | 26 | 20 | 22 | 26 |
| Jhelum ... | 19 | 20 | 23 | 25 | 26 | 32 | ... | ... | ... | 14 | 14 | 14 | 25 | 26 | 25 | 24 | 28 | 27 |
| Ráwalpindi ... | 17 | 18 | 2 | 29 | 32 | 41 | ... | ... | ... | 9 | 9 | 14 | 32 | 32 | 40 | 24 | 27 | 28 |
| Hazára ... | 21 | 21 | 26 | 33 | 35 | 40 | ... | ... | ... | 11 | 11 | 12 | § | § | 16 | 20 | 20 | 20 |
| Peshawar ... | 17 | 17 | 21 | 32 | 31 | 45 | ... | ... | ... | 10 | 11 | 11 | 28 | 33 | 44 | 22 | 22 | 22 |
| Kohát ... | 16 | 19 | 24 | 25 | 28 | 52 | ... | ... | ... | 14 | 19 | 16 | 32 | 33 | 35 | 28 | 31 | 35 |
| Bannu ... | 21 | 22 | 28 | 39 | 39 | 49 | ... | ... | ... | 13 | 13 | 16 | 43 | 40 | 50 | 29 | 28 | 32 |
| D. I. Khan ... | 19 | 17 | 21 | 27 | 27 | 39 | ... | ... | ... | 9 | 9 | 9 | 34 | 32 | 35 | 27 | 27 | 30 |
| D. G. Khan ... | 17 | 16 | 16 | 24 | 23 | 25 | .. | ... | ... | 8 | 8 | 8 | 25 | 25 | 25 | 23 | 24 | 23 |
| Muzaffargarh | 17 | 16 | 18 | 23 | 23 | 26 | ... | ... | ... | 14 | 14 | 13 | 18 | 18 | 18 | 18 | 18 | 18 |

§ Not procurable.

## DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th DECEMBER 1890.

THE ORDINARY SEER OF 80 TOLAS.

| 8 | | | 9 | | | 10 | | |
|---|---|---|---|---|---|---|---|---|
| *Mandwa, Marua or Ragi (Eleusine Corocana).* | | | *Kangni or Kakun, Italian Millet (Sitaria Italica).* | | | *Gram, Chena, Chola, Kadalay or Sunaga (Cicer Arietinum).* | | |
| Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| † | † | † | † | † | † | 22 | 23 | 27 |
| † | † | † | 20 | 16 | 16 | 22 | 21 | 24 |
| † | † | † | † | † | † | 19 | 20 | 23 |
| † | † | † | 10 | 9 | 13 | 19 | 19 | 24 |
| 20 | 20 | 22 | 16 | 16 | 18 | 20 | 20 | 26 |
| 20 | 20 | 20 | 8 | 12 | 9 | 20 | 21 | 27 |
| 17 | 17 | 19 | 10 | 10 | 8 | 16 | 16 | 19 |
| 26 | 26 | 26 | 7 | 7 | 8 | 17 | 17 | 22 |
| 12 | 12 | 13 | 20 | 16 | 30 | 20 | 20 | 28 |
| ‡ | ‡ | ‡ | 20 | 20 | 20 | 21 | 22 | 29 |
| † | † | † | 17 | 16 | 20 | 21 | 22 | 31 |
| † | † | † | 20 | 20 | 16 | 23 | 24 | 30 |
| † | † | † | 24 | 22 | 25 | 18 | 18 | 23 |
| 20 | 21 | 24 | 21 | 22 | 24 | 16 | 16 | 21 |
| § | § | § | 30 | 30 | 32 | 20 | 21 | 26 |
| § | § | § | 24 | 24 | 22 | 21 | 21 | 29 |
| † | † | † | 23 | 23 | 23 | 20 | 20 | 30 |
| 6 | 6 | † | 12 | 12 | 12 | 18 | 19 | 26 |
| 24 | 24 | 24 | 30 | 28 | 35 | 21 | 21 | 27 |
| † | † | † | 12 | 10 | 12 | 20 | 20 | 25 |
| † | † | § | 25 | 25 | 20 | 19 | 21 | 27 |
| 20 | 20 | 20 | 18 | 18 | 20 | 21 | 20 | 30 |
| ‡ | ‡ | ‡ | ‡ | ‡ | ‡ | 20 | 20 | 26 |
| ‡ | ‡ | ‡ | 16 | 16 | 16 | 20 | 20 | 26 |
| † | † | † | 20 | § | 16 | 17 | 17 | 22 |
| † | † | † | 24 | 24 | 22 | 17 | 17 | 24 |
| † | † | † | † | † | 25 | 17 | 20 | 30 |
| 8 | 8 | 8 | 8 | 8 | 8 | 24 | 24 | 34 |
| § | § | § | 6 | 6 | 6 | 24 | 22 | 29 |
| § | § | § | § | § | § | 19 | 18 | 21 |
| § | § | § | § | § | § | 18 | 18 | 19 |

### REMARKS ON CURRENT VARIATIONS.

*Wheat.*—Prices average 18 seers as compared with 18 seers in last fortnight and 20 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 18 | 16 | 16 |
| Ludhiána | ... | 25 | 18 | 18 |
| Gurdáspur | ... | 23 | 19 | 18 |
| Siálkot | ... | 22 | 18 | 18 |
| Kohát | ... | 24 | 19 | 16 |
| Bannu | ... | 28 | 22 | 21 |

*Barley.*—Prices average 25 seers as compared with 25 seers in last fortnight and 33 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Karnál | ... | 28 | 20 | 20 |
| Ludhiána | ... | 38 | 23 | 21 |
| Amritsar | ... | 34 | 24 | 24 |
| Shahpur | ... | 34 | 23 | 18 |
| Kohát | ... | 52 | 28 | 25 |
| D. I. Khan | ... | 39 | 27 | 27 |

*Rice.*—Prices average 11 seers as compared with 11 seers in last fortnight and 11 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Hissar | ... | 11 | 10 | 9 |
| Kángra | ... | 13 | 14 | 14 |
| Amritsar | ... | 11 | 12 | 12 |
| Báwalpindi | ... | 14 | 9 | 9 |
| Kohát | ... | 16 | 19 | 14 |
| Bannu | ... | 16 | 13 | 3 |

*Jowár.*—Prices average 25 seers as compared with 25 seers in last fortnight and 27 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 25 | 21 | 20 |
| Ferozepore | ... | 30 | 23 | 23 |
| Lahore | ... | 32 | 26 | 26 |
| Báwalpindi | ... | 40 | 32 | 32 |
| Peshávar | ... | 44 | 33 | 28 |
| Bannu | ... | 50 | 40 | 43 |

*Bájra.*—Prices average 21 seers as compared with 22 seers in last fortnight and 22 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 20 | 18 | 18 |
| Ferozepore | ... | 26 | 22 | 22 |
| Mooltan | ... | 20 | 24 | 23 |
| Shahpur | ... | 26 | 22 | 20 |
| Kohát | ... | 35 | 31 | 28 |
| D. I. Khan | ... | 30 | 27 | 27 |

*Gram.*—Prices average 20 seers as compared with 21 seers in last fortnight and 26 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Umballa | ... | 27 | 21 | 20 |
| Ludhiána | ... | 31 | 22 | 21 |
| Amritsar | ... | 30 | 20 | 20 |
| Shahpur | ... | 30 | 20 | 21 |
| Kohát | ... | 30 | 20 | 17 |
| Bannu | ... | 34 | 24 | 24 |

† Not produced.
‡ Not sold.
§ Not procurable.

## PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL

QUANTITIES PER RUPEE BY

| 1 | 11 | | | 12 | | | 13 | | | 14 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Maize (Zea Mays).* | | | *Arhar or Thur, Cadjan Pea (Cajanus Indicus).* | | | *Firewood.* | | | *Salt.* | | | | | |
| | | | | | | | | | | Present fortnight ending 15th Decr. 1890. | | Past fortnight ending 30th Novr. 1890. | | Corresponding fortnight of 1889. | |
| DISTRICT. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Wholesale. | Retail. | Wholesale. | Retail. | Wholesale. | Retail. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| Hissar ... | 18 | 18 | 17 | † | † | † | 120 | 120 | 90 | 12 0 | 11 12 | 11 8 | 11 4 | 11 4 | 11 0 |
| Rohtak ... | 20 | 19 | 16 | 20 | 18 | 20 | 120 | 120 | 120 | 11 0 | 11 0 | 11 0 | 10 0 | 11 0 | 10 0 |
| Gurgaon ... | 23 | 23 | 24 | 22 | 22 | 20 | 130 | 130 | 130 | 12 0 | 11 0 | 13 0 | 11 0 | 12 0 | 11 0 |
| Delhi ... | 16 | 18 | 24 | 19 | 19 | 25 | 80 | 90 | 80 | 12 0 | 11 0 | 12 0 | 11 0 | 12 0 | 11 0 |
| Karnál ... | 20 | 21 | 28 | 18 | 18 | 21 | 160 | 120 | 120 | 11 0 | 10 8 | 11 0 | 10 8 | 11 0 | 10 8 |
| Umballa ... | 20 | 21 | 25 | 16 | 16 | 20 | 130 | 130 | 130 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 | 12 0 |
| Simla ... | 19 | 19 | 20 | 9 | 9 | 11 | 65 | 65 | 65 | 9 12 | 9 0 | 9 8 | 9 0 | 10 0 | 9 4 |
| Kángra ... | 22 | 22 | 22 | 12 | 12 | 12 | 100 | 100 | 100 | ‡ | 10 0 | ‡ | 10 0 | ‡ | 10 8 |
| Hoshiárpur ... | 24 | 25 | 27 | 12 | 12 | 16 | 90 | 90 | 85 | 13 4 | 13 0 | 13 4 | 13 2 | 12 6 | 12 0 |
| Jullundur ... | 24 | 25 | 28 | ‡ | ‡ | ‡ | 100 | 100 | 90 | 13 0 | 12 8 | 13 0 | 12 6 | 12 8 | 12 0 |
| Ludhiána ... | 24 | 23 | 26 | 13 | 13 | 14 | 110 | 110 | 110 | 14 8 | 13 6 | 14 8 | 13 8 | 13 0 | 12 8 |
| Ferozepore ... | 26 | 24 | 32 | 10 | 10 | 11 | 100 | 100 | 100 | 13 4 | 13 0 | 13 4 | 13 0 | 13 8 | 13 0 |
| Mooltan ... | 24 | 24 | 24 | † | † | † | 100 | 100 | 100 | 13 0 | 13 0 | 13 0 | 13 0 | 13 0 | 12 0 |
| Jhang ... | 23 | 23 | 24 | 10 | 10 | 10 | 240 | 240 | 240 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Montgomery ... | 22 | 24 | 28 | 8 | 8 | 12 | 253 | 253 | 200 | 13 0 | 12 0 | 13 0 | 12 0 | 12 0 | 11 0 |
| Lahore ... | 24 | 24 | 31 | 12 | 12 | 12 | 85 | 85 | 85 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Amritsar ... | 23 | 23 | 29 | † | † | † | 90 | 90 | 90 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Gurdáspur ... | 26 | 30 | 30 | 10 | 10 | 10 | 120 | 120 | 120 | 13 0 | 12 0 | 13 0 | 12 0 | 13 0 | 12 0 |
| Siálkot ... | 22 | 23 | 27 | 12 | 12 | 12 | 100 | 100 | 160 | 14 2 | 13 8 | 14 2 | 13 8 | 14 0 | 13 0 |
| Gujrát ... | 22 | 23 | 26 | † | † | † | 120 | 120 | 120 | * | 14 0 | * | 13 8 | * | 13 8 |
| Gujránwála ... | 22 | 23 | 24 | † | † | § | 85 | 85 | 85 | 13 8 | 13 0 | 13 8 | 13 0 | 13 4 | 13 0 |
| Shahpur ... | 21 | 24 | 26 | ‡ | ‡ | ‡ | 200 | 200 | 200 | 14 0 | 13 0 | 14 0 | 13 0 | 14 0 | 13 0 |
| Jhelum ... | 23 | 28 | 26 | ‡ | ‡ | ‡ | 100 | 100 | 120 | 14 4 | 14 0 | 14 4 | 14 0 | 14 4 | 14 0 |
| Ráwalpindi ... | 24 | 27 | 31 | 22 | 22 | 20 | 80 | 85 | 70 | 13 12 | 13 8 | 13 12 | 13 8 | 12 12 | 12 8 |
| Hazára ... | 31 | 29 | 36 | † | † | † | 90 | 100 | 100 | * | 11 0 | * | 11 0 | * | 11 0 |
| Peshawar ... | 24 | 24 | 32 | 25 | 25 | 23 | 90 | 100 | 100 | 43 0 | 41 0 | 42 0 | 40 0 | 39 0 | 38 0 |
| Kohát ... | 28 | 31 | 38 | 20 | 18 | † | 180 | 180 | 100 | 65 0 | 60 0 | 65 0 | 60 0 | 65 0 | 60 0 |
| Bannu ... | 38 | 39 | 44 | 15 | 14 | 11 | 80 | 80 | 60 | 50 0 | 40 0 | 50 0 | 40 0 | 50 0 | 40 0 |
| D. I. Khan ... | § | § | 26 | § | § | 15 | 125 | 112 | 112 | 44 0 | 42 0 | 44 0 | 42 0 | 48 0 | 46 0 |
| D. G. Khan ... | § | § | 15 | § | § | § | 100 | 125 | 125 | 22 0 | 20 0 | 22 0 | 20 0 | 30 0 | 29 0 |
| Muzaffargarh | § | § | § | 11 | § | 11 | 110 | 110 | 110 | * | 12 0 | * | 12 0 | * | 11 0 |

* No wholesale salt sold.
† Not produced.
‡ Not sold.
§ Not procurable.

DISTRICTS OF THE PUNJAB DURING THE FORTNIGHT ENDING 15th DECEMBER 1890—*concluded*.

THE ORDINARY SEER OF 80 TOLAS.

| 15 | | | 16 | | |
|---|---|---|---|---|---|
| *Gur.* | | | *Cotton (Unginned).* | | |
| Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. |
| Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. |
| 10 0 | 6 4 | 11 0 | 7 0 | 8 0 | 7 0 |
| 11 0 | 8 0 | 13 0 | 8 8 | 8 0 | 7 0 |
| 12 0 | 10 0 | 13 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 8 0 | 8 0 | 8 0 | 8 0 | 7 0 |
| 11 0 | 9 0 | 12 0 | 8 8 | 8 0 | 8 8 |
| 8 0 | 6 8 | 11 0 | 8 0 | 8 0 | 7 8 |
| 5 0 | 4 8 | 6 10 | † | † | 2 8 |
| 8 0 | 6 0 | 9 0 | 8 0 | 8 0 | 6 0 |
| 9 0 | 7 12 | 10 0 | 8 0 | 7 12 | 8 0 |
| 10 0 | 10 0 | 12 0 | 8 0 | 8 0 | 8 0 |
| 10 0 | 8 8 | 10 0 | 9 0 | 9 0 | 8 0 |
| 9 0 | 8 0 | 10 0 | 9 0 | 8 8 | 8 0 |
| 8 0 | 7 0 | 8 8 | 7 0 | 7 4 | 7 0 |
| 9 0 | 9 0 | 12 0 | 9 0 | 9 0 | 8 0 |
| 10 0 | 8 0 | 10 8 | 9 0 | 9 0 | 9 0 |
| 9 8 | 7 8 | 9 4 | 9 4 | 9 0 | 8 1 |
| 10 0 | 9 0 | 13 0 | 8 12 | 9 0 | 8 0 |
| 11 0 | 8 0 | 12 8 | 8 0 | 8 0 | 9 0 |
| 10 0 | 9 0 | 15 0 | 9 0 | 9 0 | 9 0 |
| 9 0 | 8 0 | 12 0 | 9 0 | 9 0 | 9 0 |
| 9 0 | 8 8 | 11 0 | 9 0 | 9 0 | 8 0 |
| 9 0 | 8 0 | 11 0 | 9 0 | 9 0 | 8 0 |
| 10 0 | 8 0 | 11 0 | 8 0 | 10 0 | 10 0 |
| 9 0 | 7 0 | 9 0 | 10 0 | 10 0 | 8 0 |
| 6 3 | 7 13 | 8 0 | § | § | § |
| 7 4 | 6 8 | 11 0 | 9 2 | 9 0 | 8 12 |
| 7 0 | 6 8 | 10 0 | 10 0 | 9 0 | 10 0 |
| 8 2 | 8 2 | 12 13 | 10 0 | 10 0 | 8 12 |
| 8 0 | 6 9 | 10 0 | 10 0 | § | 9 4 |
| 6 4 | 6 14 | 7 13 | [illegible] 0 | 8 12 | 8 8 |
| 8 0 | 8 0 | 9 0 | 8 0 | 8 0 | 8 0 |

REMARKS ON CURRENT VARIATIONS.

*Maize.*—Prices average 23 seers as compared with 24 seers in last fortnight and 27 seers in corresponding period of 1889. The chief variations in each Division are—

| | | Same fortnight in 1889. | Last fortnight. | This fortnight. |
|---|---|---|---|---|
| | | Seers. | Seers. | Seers. |
| Delhi | ... | 24 | 18 | 16 |
| Ferozepore | ... | 32 | 24 | 26 |
| Lahore | ... | 31 | 24 | 24 |
| Ráwalpindi | ... | 31 | 27 | 24 |
| Kohát | ... | 38 | 31 | 28 |
| Bannu | ... | 44 | 39 | 36 |

† Not produced.
§ Not procurable.

**TULSI DAS,** *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Panjab.*

## STATEMENT SHOWING THE WHOLESALE PRICES OF FOOD-GRAINS, GUR FORTNIGHT ENDING

| District. | Wheat. | | | Barley. | | | Rice (best sort). | | | Rice (common). | | | Jowar. | | | Bajra. | | | Mandwa. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. |
| | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. |
| Delhi ... | 17 | 17 | 18 | 20 | 20 | 25 | ... | ... | ... | 13 | 13 | 13 | 21 | 21 | 22 | 19 | 19 | 21 | † | † | † |
| Ferozepore ... | 19 | 18 | 19 | 24 | 24 | 35 | ... | ... | ... | 10 | 10 | 10 | 23 | 23 | 30 | 22 | 22 | 26 | † | † | † |
| Mooltan ... | 16 | 16 | 16 | 25 | 24 | 24 | ... | ... | ... | 13 | 13 | 11 | 27 | 26 | 25 | 24 | 24 | 21 | † | † | † |
| Lahore ... | 17 | 17 | 20 | 27 | 27 | 37 | ... | ... | ... | 12 | 13 | 12 | 27 | 27 | 33 | 21 | 21 | 20 | § | § | § |
| Amritsar ... | 19 | 19 | 22 | 25 | 25 | 35 | ... | ... | ... | 13 | 13 | 12 | 25 | 25 | 30 | 19 | 21 | 20 | † | † | † |
| Peshawar ... | 18 | 18 | 22 | 33 | 32 | 46 | ... | ... | ... | 11 | 12 | 12 | 29 | 34 | 46 | 23 | 23 | 23 | † | † | † |

† Not produced.
§ Not procurable.

AND COTTON IN THE DISTRICTS OF THE PUNJAB DURING THE 15th DECEMBER 1890.

| Kangni. | | | Gram. | | | Maize. | | | Arhar. | | | Gur. | | | Cotton (unginned). | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | Present fortnight ending 15th Decr. 1890. | Past fortnight ending 30th Novr. 1890. | Corresponding fortnight of 1889. | |
| Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | Srs. C. | |
| 11 | 10 | 14 | 20 | 20 | 25 | 17 | 19 | 25 | 20 | 20 | 26 | 11 0 | 9 0 | 9 0 | 8 8 | 8 8 | 8 0 | |
| 20 | 20 | 16 | 23 | 24 | 30 | 26 | 24 | 32 | 10 | 10 | 11 | 9 0 | 8 0 | 10 0 | 9 0 | 8 8 | 8 0 | |
| 25 | 23 | 25 | 19 | 19 | 23 | 25 | 24 | 25 | † | † | † | 9 0 | 7 8 | 9 0 | 7 8 | 7 8 | 7 4 | |
| 26 | 26 | 23 | 21 | 21 | 30 | 25 | 25 | 32 | 13 | 13 | 13 | 10 4 | 8 0 | 10 4 | 9 10 | 9 8 | 8 3 | |
| 24 | 24 | 24 | 21 | 21 | 31 | 24 | 24 | 30 | † | † | † | 11 0 | 10 0 | 14 0 | 9 0 | 9 4 | 8 8 | |
| 25 | 25 | 23 | 18 | 18 | 25 | 25 | 25 | 33 | 26 | 26 | 24 | 7 6 | 6 12 | 12 0 | 9 6 | 9 3 | 9 0 | |

† Not produced.

TULSI DAS, *Clerk of Statistics,*

*Office of Director of Land Records and Agriculture, Punjab.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Western Jumna Canal during the month of November* 1890.

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open ... | | ... ... | Miles | 243 | |
| Receipts. | Tollage. | Private boats ... ... ... | Rs. | 520 | |
| | | Government boats ... ... ... | " | 25 | |
| | | Rafts ... ... ... ... | " | 497 | |
| | Fines and sundries ... | ... ... | " | 3 | |
| | | Total ... | " | 1,045 | |
| Cost of Navigation Establishment ... | | ... | " | *514 | * Includes maintenance charges. |
| Net Revenue during month ... | | ... ... | " | 531 | |
| Boats plying. | Number ... ... | Cargo... ... | No. | 85 | |
| | | Passengers ... | " | ... | |
| | Tonnage ... ... | Cargo... ... | Tons | 1,762 | |
| | | Passengers ... | " | ... | |
| Ton mileage ... ... | | Up ... ... | " | 159,142 | |
| | | Down... ... | " | 161,022 | |
| | | Total ... | " | 320,164 | |
| Estimated value of Cargo ... | | Up ... | Rs. | 5,167 | |
| | | Down ... | " | 1,68,500 | |
| | | Total ... | " | 1,73,667 | |
| Number of passengers ... | | ... ... | No. | *Nil.* | |
| Rafts ... ... ... | | Contents, Down ... | C. ft. | 15,300 | |
| | | Estimated value ... | Rs. | 7,650 | |
| Tollage on rafts per 100 cubic feet ... | | ... | " | 3-4-0 | |
| Description and quantities of goods carried. | Grain ... ... | Down ... ... | Tons | 2,237 | |
| | Metals ... ... | Up ... ... | " | 5 | |
| | Building materials ... | Up ... ... | " | 56 | |
| | Fuel ... ... | Up ... ... | " | 217 | |
| | | Down ... ... | " | 20 | |
| | | Total ... | " | 237 | |
| | Timber ... ... | Up ... ... | " | 2 | |
| | | Down ... ... | " | 60 | |
| | | Total ... | " | 62 | |
| | Miscellaneous ... | Up ... ... | " | 40 | |
| | | Down ... ... | " | 20 | |
| | | Total ... | " | 60 | |
| | Total Traffic | Up ... ... | " | 320 | |
| | | Down ... ... | " | 2,337 | |
| | | Total ... | " | 2,657 | |
| | Rafts. | Logs, round and squared—Down ... | " | 4 | |
| | | Sleepers, broad gauge—Down ... ... | " | 7 | |
| | | Ballas and karries—Down ... ... | " | 295 | |
| | | Total Rafts ... | " | 306 | |

LAHORE :
*The* 22*nd December* 1890.

M. COCKBURN, *Supdt.*,
*Office of Secretary to Government, Punjab, P. W. D.,*
*Irrigation Branch.*

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

*Statement of Traffic on the Sirhind Canal for the month of November 1890.*

| Detail. | | | Unit. | | Remarks. |
|---|---|---|---|---|---|
| Length of channel open | | | Miles | 189 | |
| Receipts. | Tollage. | Private boats ... | Rs. | 222 | |
| | | Government boats | " | 10 | |
| | | Rafts | " | 268 | |
| | Hire of Government boats | | " | 15 | |
| | | Total | " | 515 | |
| Cost of Navigation Establishment... | | | " | * 584 | * Includes maintenance charges. |
| Net loss during month | | | " | 69 | |
| Boats plying. | Number | Cargo... | No. | 41 | |
| | | Passengers | " | 6 | |
| | Tonnage | Cargo... | Tons | 488 | |
| | | Passengers | " | 18 | |
| Ton mileage | | Up | " | 16,835 | |
| | | Down... | " | 22,353 | |
| | | Total ... | " | 39,188 | |
| Estimated value of cargo | | Up | Rs. | 44,220 | |
| | | Down... | " | 24,353 | |
| | | Total ... | " | 68,573 | |
| Number of passengers | | | No. | 637 | |
| Rafts | | Contents—Down ... | C. ft. | 37,606 | |
| | | Estimated value ... | Rs. | 33,595 | |
| Tollage on boats per ton per mile | | | Pie | 1 | |
| *Do.* rafts per 100 cubic feet | | | Re. | 0-11-4 | |
| Description and quantities of goods carried. | Grain | Up | Tons | 78 | |
| | | Down... | " | 213 | |
| | | Total ... | " | 291 | |
| | Oil seed | Up | " | 1 | |
| | Salt | Up | " | 87 | |
| | Metals | Up | " | 142 | |
| | | Down... | " | 16 | |
| | | Total ... | " | 158 | |
| | Building materials | Up | " | 345 | |
| | Fuel | Up | " | 117 | |
| | | Down... | " | 8 | |
| | | Total ... | " | 125 | |
| | Timber | Up | " | 3 | |
| | | Down... | " | 135 | |
| | | Total ... | " | 138 | |
| | Bamboos, &c. | Down... | " | 2 | |
| | Miscellaneous | Up | " | 18 | |
| | | Down... | " | 5 | |
| | | Total ... | " | 23 | |
| | Total Traffic | Up | " | 791 | |
| | | Down... | " | 379 | |
| | | Total ... | " | 1,170 | |
| | Rafts. | Logs, round and squared—Down | " | 417 | |
| | | Sleepers, broad gauge—Down | " | 29 | |
| | | Sleepers, metre gauge—Down | " | 76 | |
| | | Ballas and karries—Down | " | 1 | |
| | | Bamboos and reeds—Down | " | 2 | |
| | | Total Rafts | " | 525 | |

M. COCKBURN, *Supdt.,*
*Office of Secretary to Government, Punjab, P. W. D., Irrigation Branch.*

LAHORE:
*The 22nd December* 1890.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 29th NOVEMBER 1890.

| No. | Districts. | Towns. | Population | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhœa. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| 1 | Hissar ... | Hissar ... | 14,167 | 8 | 10 | 18 | 7 | 6 | 1 | ... | ... | 2 | 1 | ... | 4 | 2 | ... | 2 | 66 | 21 |
| 2 | | Hansi ... | 12,656 | 8 | 11 | 19 | 9 | 2 | 7 | ... | ... | 3 | 3 | ... | 3 | ... | ... | ... | 78 | 37 |
| 3 | | Bhiwani ... | 33,762 | 16 | 15 | 31 | 47 | 24 | 23 | ... | 2 | 18 | 7 | ... | 20 | 2 | 4 | 6 | 48 | 72 |
| 4 | | Sirsa ... | 12,292 | 5 | ... | 5 | 12 | 4 | 8 | ... | ... | 8 | 1 | ... | 3 | 3 | 3 | 6 | 21 | 51 |
| 5 | Rohtak ... | Rohtak ... | 15,699 | 8 | 4 | 12 | 9 | 3 | 6 | ... | ... | 6 | ... | ... | 3 | 1 | 2 | 3 | 40 | 30 |
| 6 | | Jhajjar ... | 11,650 | 7 | 8 | 15 | 2 | 2 | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | 67 | 9 |
| 7 | Gurgaon ... | Rewari ... | 24,445 | 14 | 12 | 26 | 12 | 6 | 6 | ... | ... | 6 | 2 | ... | 4 | 2 | 1 | 3 | 55 | 26 |
| 8 | | Palwal ... | 10,635 | 6 | 9 | 15 | 13 | 3 | 10 | ... | ... | 5 | 3 | ... | 5 | 1 | 3 | 4 | 74 | 64 |
| 9 | Delhi ... | Delhi ... | 117,363 | 57 | 57 | 114 | 144 | 76 | 68 | ... | ... | 92 | 4 | 1 | 47 | 14 | 10 | 24 | 51 | 64 |
| 10 | | " Suburbs ... | 52,882 | 26 | 15 | 41 | 27 | 11 | 16 | ... | ... | 19 | ... | 1 | 7 | ... | 3 | 3 | 40 | 27 |
| 11 | | Sonepat ... | 13,077 | 6 | 4 | 10 | 4 | 1 | 3 | ... | ... | 3 | ... | ... | 1 | ... | 1 | 1 | 40 | 16 |
| 12 | Karnal ... | Karnal ... | 23,133 | 8 | 10 | 18 | 29 | 8 | 21 | ... | ... | 13 | 3 | ... | 13 | 1 | 2 | 3 | 41 | 65 |
| 13 | | Kaithal ... | 14,754 | 3 | 3 | 6 | 9 | 6 | 3 | ... | ... | 4 | ... | ... | 5 | 2 | 1 | 3 | 21 | 32 |
| 14 | | Panipat ... | 26,572 | 10 | 7 | 17 | 35 | 11 | 24 | ... | ... | 18 | 3 | ... | 14 | 3 | 4 | 7 | 33 | 69 |
| 15 | Umballa ... | Umballa ... | 26,777 | 8 | 11 | 19 | 20 | 11 | 9 | ... | ... | 8 | 7 | ... | 5 | 2 | ... | 2 | 37 | 39 |
| 16 | | Jagadhri ... | 12,300 | 3 | 4 | 7 | 6 | 2 | 4 | ... | ... | 3 | ... | ... | 3 | ... | 2 | 2 | 30 | 25 |
| 17 | | Shahabad ... | 10,218 | 3 | 1 | 4 | 8 | 4 | 4 | ... | ... | 7 | 1 | ... | ... | 1 | ... | 1 | 20 | 41 |
| 18 | | Sadhaura ... | 10,794 | 5 | ... | 5 | 8 | 3 | 5 | ... | ... | 7 | ... | ... | 1 | ... | 1 | 1 | 24 | 39 |
| 19 | | Rupar ... | 10,326 | 3 | 2 | 5 | 1 | 7 | 3 | ... | ... | 3 | 2 | ... | 5 | 2 | ... | 2 | 25 | 50 |
| 20 | Hoshiarpur ... | Hoshiarpur ... | 13,263 | 2 | 6 | 8 | 10 | 7 | 3 | ... | ... | 6 | 1 | ... | 3 | 1 | ... | 1 | 31 | 39 |
| 21 | | Tanda and Urmar ... | 10,295 | 4 | 6 | 10 | 5 | 3 | 2 | ... | ... | 3 | 1 | ... | 1 | ... | 1 | 1 | 51 | 25 |
| 22 | Jullundur ... | Jullundur ... | 31,177 | 18 | 15 | 33 | 24 | 12 | 12 | ... | ... | 14 | 3 | ... | 7 | 3 | 4 | 7 | 55 | 40 |
| 23 | | " Suburbs ... | 11,474 | 8 | 15 | 23 | 9 | 3 | 6 | ... | ... | 4 | ... | ... | 5 | 2 | 1 | 3 | 105 | 41 |
| 24 | | Rahon ... | 11,736 | 4 | 2 | 6 | 10 | 5 | 5 | ... | ... | 10 | ... | ... | ... | 2 | ... | 2 | 27 | 44 |
| 25 | Ludhiana ... | Ludhiana ... | 44,163 | 27 | 14 | 41 | 36 | 17 | 19 | ... | 2 | 25 | 2 | ... | 7 | 4 | 3 | 7 | 48 | 43 |
| 26 | | Jagraon ... | 16,873 | 12 | 11 | 23 | 13 | 6 | 7 | ... | ... | 7 | 2 | ... | 4 | 2 | 1 | 3 | 71 | 40 |
| 27 | Ferozepore ... | Ferozepore ... | 20,870 | 8 | 9 | 17 | 26 | 13 | 13 | ... | ... | 15 | 4 | ... | 7 | 4 | 3 | 7 | 42 | 65 |
| 28 | Mooltan ... | Mooltan ... | 31,878 | 19 | 17 | 36 | 26 | 12 | 14 | ... | ... | 15 | 2 | ... | 9 | 5 | 5 | 10 | 59 | 43 |
| 29 | | " Suburbs ... | 25,593 | 11 | 10 | 21 | 26 | 15 | 11 | ... | ... | 15 | 3 | ... | 8 | 5 | 3 | 8 | 43 | 53 |
| 30 | Jhang ... | Maghiana ... | 12,574 | 3 | 2 | 5 | 6 | 4 | 2 | ... | ... | 4 | ... | ... | 2 | ... | ... | ... | 21 | 25 |
| 31 | | Chiniot ... | 11,191 | 7 | 7 | 14 | 9 | 4 | 5 | ... | ... | 4 | 1 | ... | 4 | 1 | 2 | 3 | 65 | 42 |

## WEEKLY RETURN OF BIRTHS AND DEATHS—(concluded).

| Districts. | Towns. | Population. | Births. | | | Deaths. | | | Cause of Death. | | | | | | Infants under one year of age. | | | Ratio of births per 1,000 of population. | Ratio of deaths per 1,000 of population. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Males. | Females. | Total. | Total. | Males. | Females. | Cholera. | Small-pox. | Fever. | Dysentery and Diarrhoea. | Injuries. | All other causes. | Males. | Females. | Total. | | |
| Lahore ... | Lahore ... | 97,208 | 49 | 44 | 93 | 88 | 49 | 39 | ... | ... | 56 | 7 | ... | 25 | 9 | 11 | 20 | 50 | 47 |
| | " Suburbs ... | 41,670 | 9 | 8 | 17 | 34 | 21 | 13 | ... | ... | 23 | 1 | ... | 10 | 1 | 2 | 3 | 21 | 43 |
| | Kasur ... | 17,336 | 15 | 14 | 29 | 12 | 7 | 5 | ... | ... | 7 | ... | ... | 5 | 3 | 3 | 6 | 87 | 36 |
| Amritsar ... | Amritsar ... | 144,216 | 53 | 57 | 110 | 188 | 99 | 89 | ... | ... | 119 | 13 | 2 | 54 | 12 | 21 | 33 | 40 | 68 |
| Gurdaspur ... | Batala ... | 24,281 | 11 | 16 | 27 | 21 | 10 | 11 | ... | ... | 13 | 1 | ... | 7 | 4 | 1 | 5 | 58 | 45 |
| Sialkot ... | Sialkot ... | 33,850 | 14 | 11 | 25 | 45 | 28 | 17 | ... | ... | 30 | 4 | ... | 11 | 5 | 2 | 7 | 39 | 69 |
| Gujrat ... | Gujrat ... | 18,743 | 3 | ... | 3 | 64 | 38 | 26 | ... | ... | 58 | 6 | ... | ... | 4 | 4 | 8 | 8 | 178 |
| | Jalalpur ... | 12,839 | 4 | 6 | 10 | 19 | 9 | 10 | ... | ... | 9 | 5 | ... | 5 | ... | 4 | 4 | 41 | 77 |
| Gujranwala... | Gujranwala ... | 22,884 | 17 | 5 | 22 | 19 | 10 | 9 | ... | ... | 13 | 3 | ... | 3 | 1 | 2 | 3 | 50 | 43 |
| | Wazirabad ... | 16,462 | 11 | 2 | 13 | 47 | 23 | 24 | ... | ... | 38 | 2 | ... | 7 | 4 | 3 | 7 | 41 | 149 |
| Shahpur ... | Bhera ... | ... | Returns not received. | | | | | | | | | | | | | | | | |
| Jhelum ... | Jhelum ... | 16,634 | 4 | 2 | 6 | 14 | 9 | 5 | ... | ... | 9 | 3 | ... | 2 | 5 | 1 | 6 | 19 | 44 |
| | Pind Dadan Khan ... | 16,724 | 7 | 3 | 10 | 18 | 14 | 4 | ... | ... | 9 | 6 | ... | 3 | 3 | ... | 3 | 31 | 56 |
| Rawalpindi... | Rawalpindi ... | 27,732 | 8 | 11 | 19 | 21 | 9 | 12 | ... | ... | 10 | 1 | ... | 10 | 2 | 4 | 6 | 36 | 39 |
| Peshawar ... | Peshawar ... | 59,292 | 16 | 21 | 37 | 49 | 29 | 20 | ... | ... | 36 | ... | 1 | 12 | 8 | 4 | 12 | 33 | 43 |
| Kohat ... | Kohat ... | 13,490 | 7 | 4 | 11 | 11 | 7 | 4 | ... | ... | 6 | 1 | ... | 4 | 1 | 2 | 3 | 43 | 43 |
| D. I. Khan ... | Dera Ismail Khan ... | 18,988 | 5 | 5 | 10 | 8 | 5 | 3 | ... | ... | 7 | ... | ... | 1 | 3 | 1 | 4 | 27 | 22 |
| D. G. Khan... | Dera Ghazi Khan ... | 19,687 | 10 | 12 | 22 | 18 | 10 | 8 | ... | ... | 10 | 4 | ... | 4 | 1 | 2 | 3 | 58 | 48 |
| Birth and death-rate of London for the week ending 8th November 1890 is also given as a standard for comparison ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25·6 | 20·5 |
| Grand Total ... | | 1,296,625 | 570 | 518 | 1,088 | 1,287 | 668 | 619 | ... | 4 | 800 | 114 | 5 | 364 | 131 | 127 | 258 | 44 | 52 |
| *Hill Sanitaria.* | | | | | | | | | | | | | | | | | | | |
| Simla ... | ... | 12,305 | 1 | ... | 1 | 6 | 3 | 3 | ... | 2 | 1 | ... | ... | 3 | ... | 1 | 1 | 4 | 25 |
| Dharmsala ... | ... | 3,839 | 1 | ... | 1 | 2 | 2 | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 14 | 27 |
| Dalhousie ... | ... | 870 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Murree ... | ... | 2,489 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Note.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the census of 1881.

A. STEPHEN, Surgeon-Major,

*Sanitary Commissioner, Punjab.*

Sanitary Commissioner's Office,
Lahore :
*The 20th December* 1890.

*Remarks by the Sanitary Commissioner, Punjab, of the General Health of the Province during the week ending Saturday, the 29th November 1890.*

*General Results.*—The return is incomplete, the registers for the district of Shahpur no having been received. Comparing the results of the districts from which complete returns have been received, the total deaths registered from all causes were 20,760 against 24,233 in the previous week and 17,605 in the corresponding week of the past year, giving respectively an annual death-rate of 58·8, 68·6 and 49·8 per 1,000 of population. The registered mortality was 9·8 per 1,000 less than the rate recorded last week, but was 18·1 per 1,000 greater than the average annual rate of the corresponding week of the five years 1885—1889.

*Cholera.*—There was not a single death registered under the head of cholera.

*Small-pox.*—From small-pox 45 deaths were registered against 48 in the previous week and 103 in the corresponding week of the past year.

*Fevers.*—From fevers there were 17,348 deaths against 20,507 in the previous week and 13,804 in the corresponding week of the past year. There were 3,159 fewer fever deaths registered than in the previous week, and in the districts of Siálkot, Gujrát and Gujránwála the reduction in the number of deaths registered from these causes was 827. In these three districts the registered fever mortality was at the annual rates of 127, 97 and 121 per 1,000 respectively. For the previous week the corresponding rates were 151, 118 and 136 per 1,000.

*Dysentery and Diarrhœa.*—From dysentery and diarrhœa 444 deaths against 529 in the previous week and 476 in the corresponding week of the past year registered under the head of bowel complaints.

*Chest disease.*—Six hundred and nine against 564 and 720.

*Snake-bite.*—Five against 1 and 3.

*Hydrophobia.*—Two against 0 and 1.

*All other causes.*—Two thousand three hundred and seven against 2,584 in the previous week and 2,497 in the corresponding week of the past year.

*Infantile mortality.*—Three thousand eight hundred and fifty-two deaths were registered in the districts from which complete returns have been received amongst infants under one year of age, of which number 2,007 were males and 1,845 females.

*Births and Deaths in Municipal Towns.*—In the 48 large Municipal towns 1,287 deaths were registered (668 males and 619 females), giving a death-rate of 52 per mille of population; 1,088 births were registered (570 males and 518 females), giving a birth-rate of 44 per mille of population. The registered mortality of the towns of Gujrát and Wazirabad was at the very high rates of 178 and 149 per 1,000 respectively.

LAHORE:
*The 20th December 1890.*

A. STEPHEN, SURGEON-MAJOR,
*Sanitary Commissioner, Punjab.*

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